

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122822AL\  
 Data File : FE039510.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Dec 2022 09:13  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e  
 Quant Time: Dec 28 11:13:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.927 | 3291220    | 22.054 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 44.11%        |
| 12) S 1-chlorooctadecane (S... | 13.363 | 2520155    | 21.896 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.79%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.326  | 2814395    | 21.773 ug/ml  |
| 2) T n-Decane (C10)            | 4.573  | 2797994    | 21.959 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.274  | 3125760    | 21.623 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.735  | 2832224    | 21.816 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.369  | 2936064    | 21.679 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.560  | 2881020    | 21.742 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.168 | 2989881    | 21.733 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.609 | 3052920    | 21.797 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.918 | 2989820    | 21.902 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.530 | 2997663    | 21.978 ug/mlm |
| 13) T n-Docosane (C22)         | 14.116 | 2991304    | 22.113 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.218 | 3016073    | 22.468 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.239 | 2941416    | 22.590 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.189 | 2956875    | 22.975 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.076 | 3046745    | 23.664 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.909 | 3046578    | 23.526 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.693 | 2843227    | 22.536 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.430 | 2598990    | 21.494 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.168 | 2558470    | 20.717 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.077 | 2460187    | 19.590 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122822AL\  
Data File : FE039510.D  
Signal(s) : FID1B.ch  
Acq On : 28 Dec 2022 09:13  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

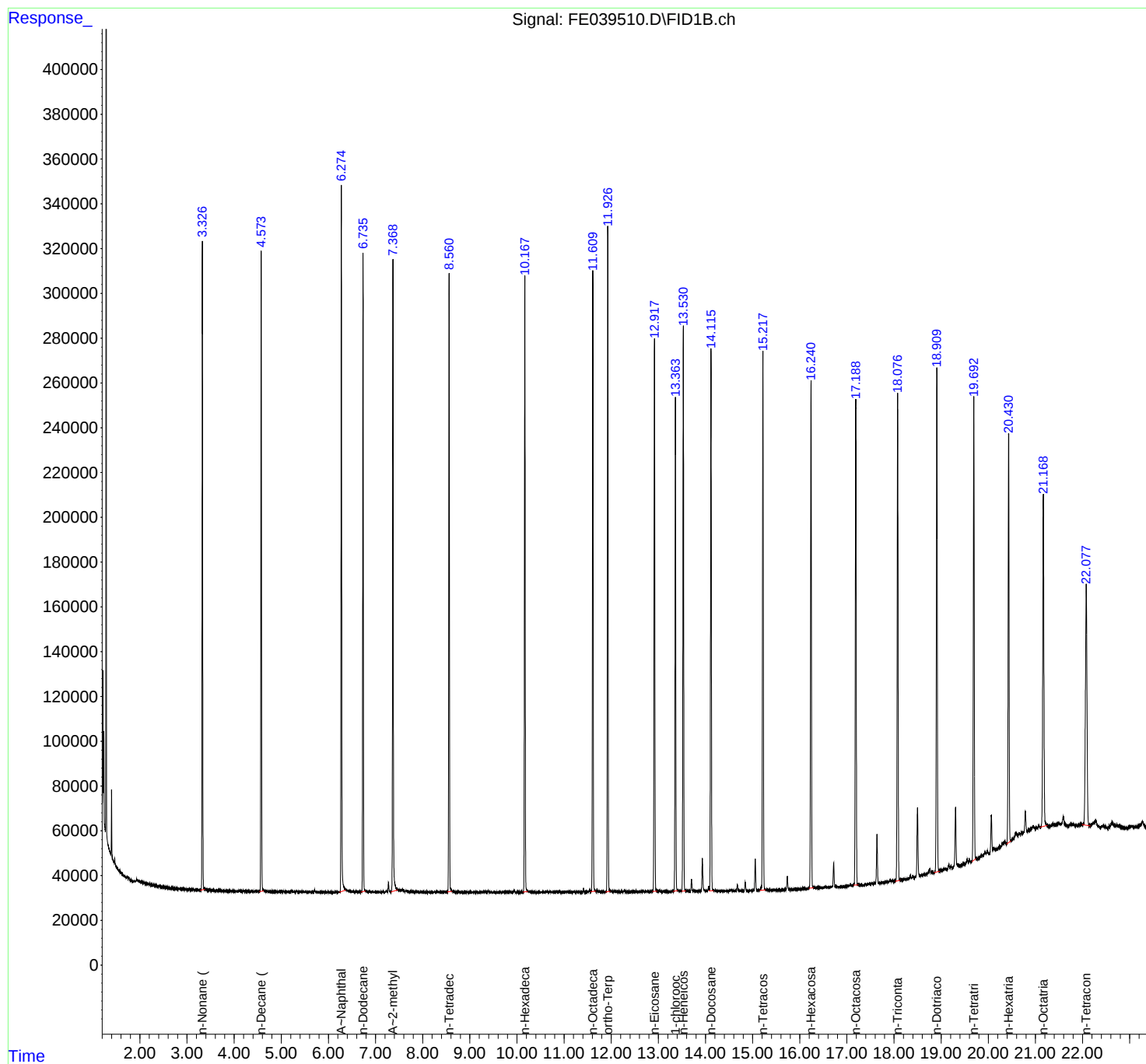
Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

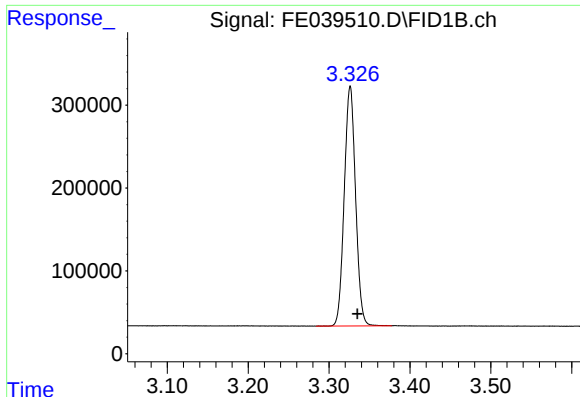
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e  
Quant Time: Dec 28 11:13:39 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 17 15:09:52 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





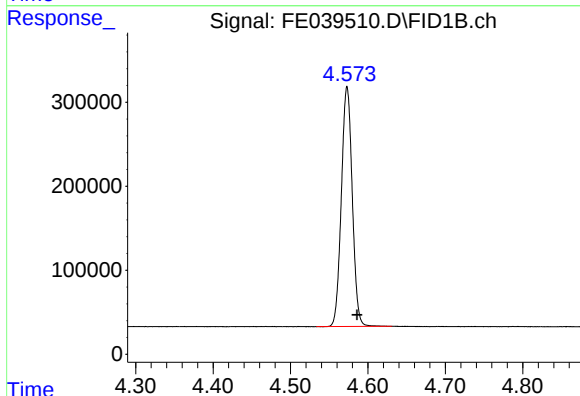
#1 n-Nonane (C9)

R.T.: 3.326 min  
Delta R.T.: -0.009 min  
Response: 2814395  
Conc: 21.77 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

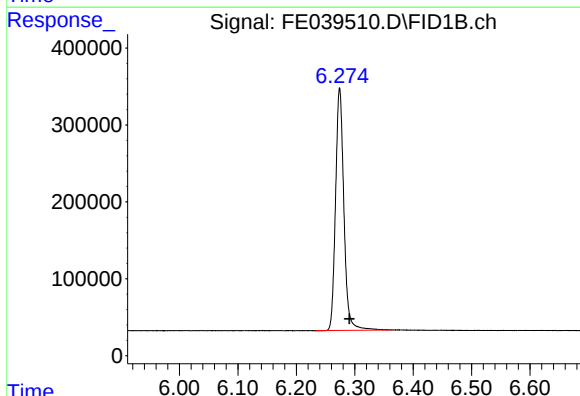
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



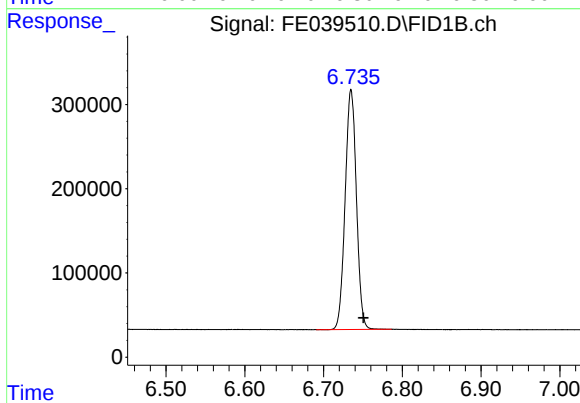
#2 n-Decane (C10)

R.T.: 4.573 min  
Delta R.T.: -0.013 min  
Response: 2797994  
Conc: 21.96 ug/ml



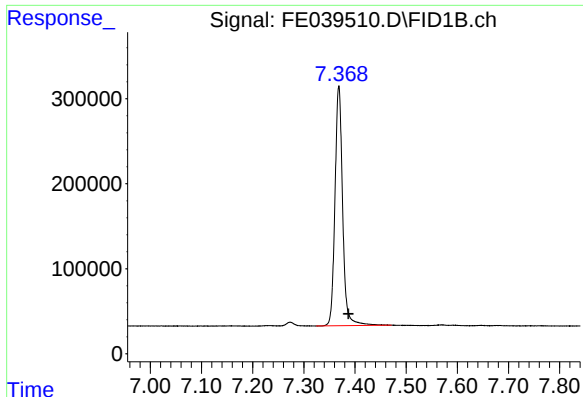
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min  
Delta R.T.: -0.017 min  
Response: 3125760  
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min  
Delta R.T.: -0.015 min  
Response: 2832224  
Conc: 21.82 ug/ml



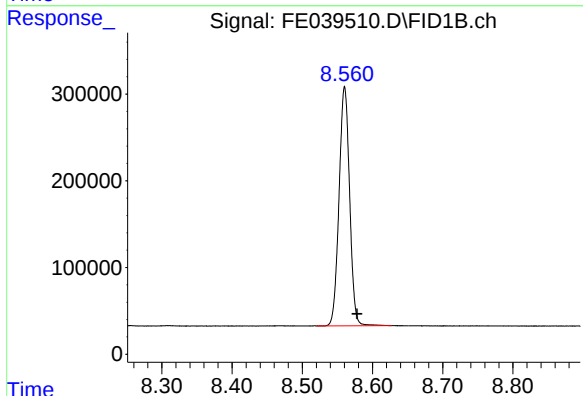
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.369 min  
Delta R.T.: -0.019 min  
Response: 2936064  
Conc: 21.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

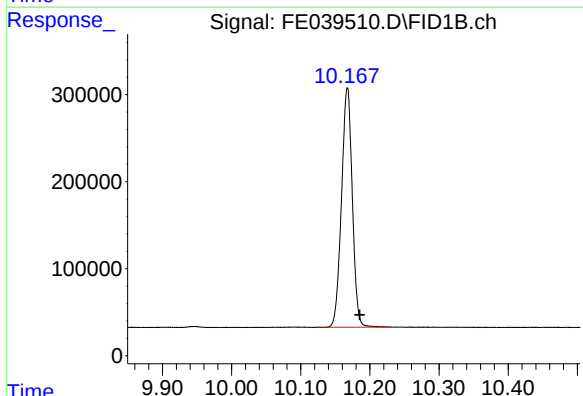
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



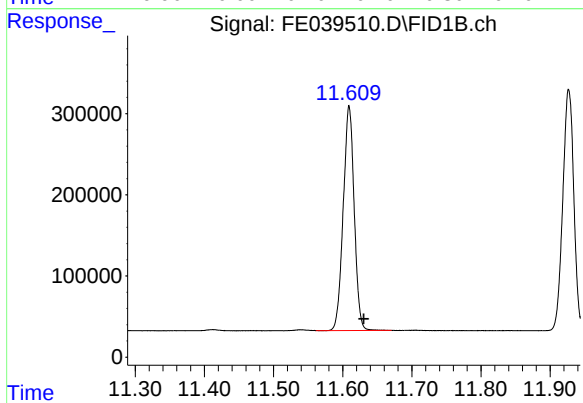
#6 n-Tetradecane (C14)

R.T.: 8.560 min  
Delta R.T.: -0.018 min  
Response: 2881020  
Conc: 21.74 ug/ml



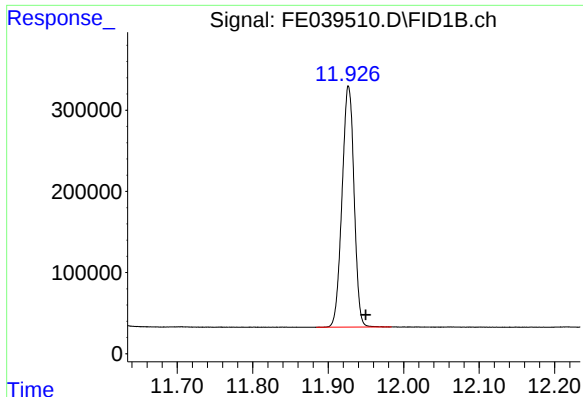
#7 n-Hexadecane (C16)

R.T.: 10.168 min  
Delta R.T.: -0.018 min  
Response: 2989881  
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min  
Delta R.T.: -0.021 min  
Response: 3052920  
Conc: 21.80 ug/ml



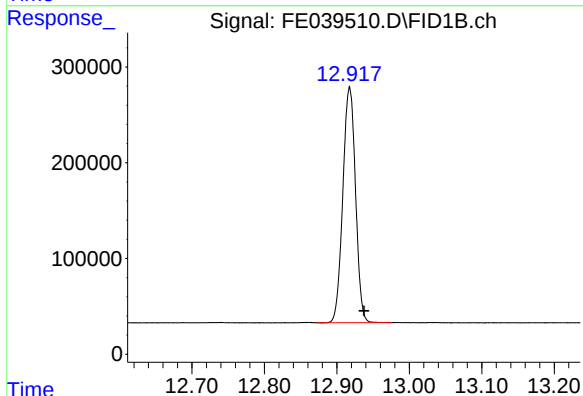
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min  
Delta R.T.: -0.023 min  
Response: 3291220  
Conc: 22.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

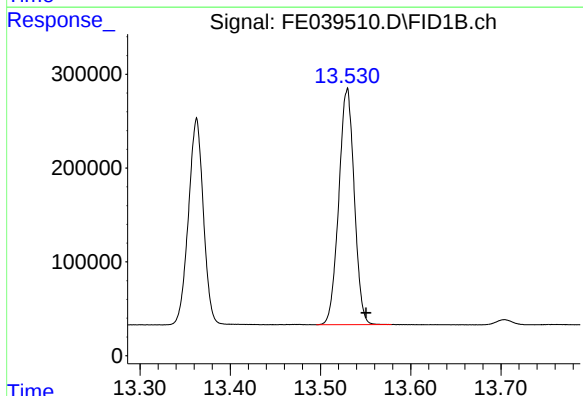
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



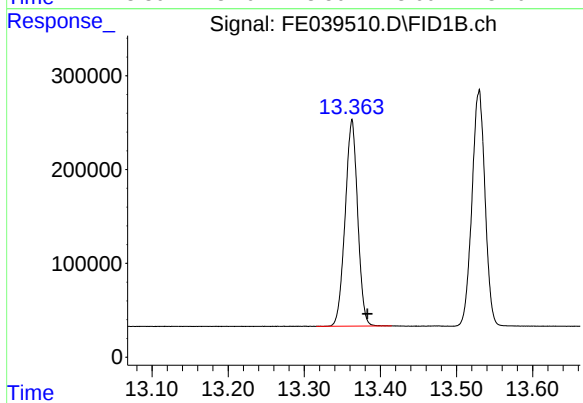
#10 n-Eicosane (C20)

R.T.: 12.918 min  
Delta R.T.: -0.020 min  
Response: 2989820  
Conc: 21.90 ug/ml



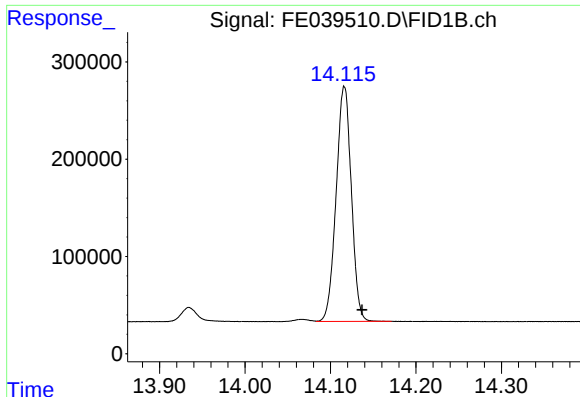
#11 n-Heneicosane (C21)

R.T.: 13.530 min  
Delta R.T.: -0.021 min  
Response: 2997663  
Conc: 21.98 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min  
Delta R.T.: -0.020 min  
Response: 2520155  
Conc: 21.90 ug/ml



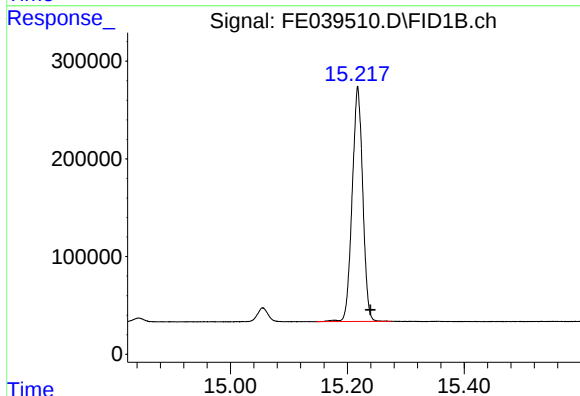
#13 n-Docosane (C22)

R.T.: 14.116 min  
Delta R.T.: -0.021 min  
Response: 2991304  
Conc: 22.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

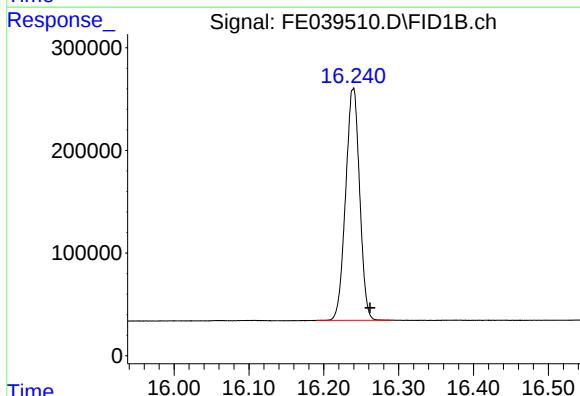
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



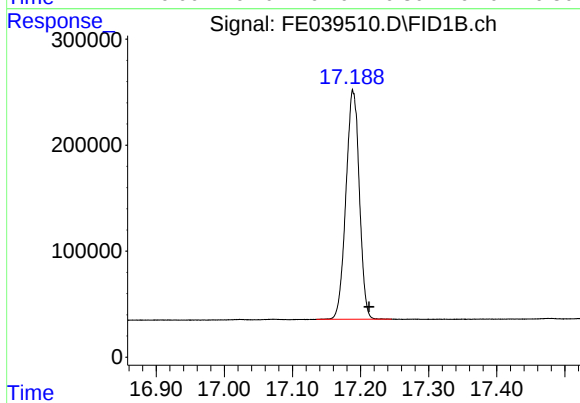
#14 n-Tetracosane (C24)

R.T.: 15.218 min  
Delta R.T.: -0.022 min  
Response: 3016073  
Conc: 22.47 ug/ml



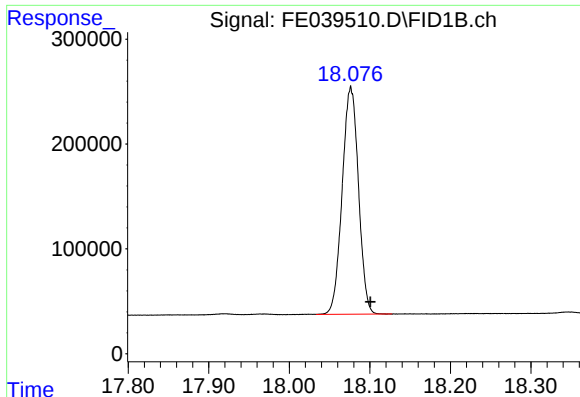
#15 n-Hexacosane (C26)

R.T.: 16.239 min  
Delta R.T.: -0.023 min  
Response: 2941416  
Conc: 22.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min  
Delta R.T.: -0.023 min  
Response: 2956875  
Conc: 22.97 ug/ml



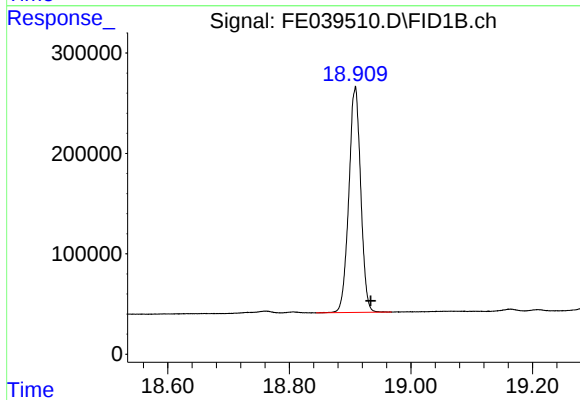
#17 n-Tricontane (C30)

R.T.: 18.076 min  
Delta R.T.: -0.025 min  
Response: 3046745  
Conc: 23.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

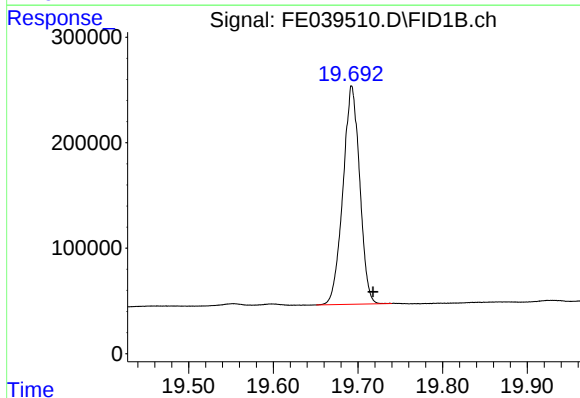
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



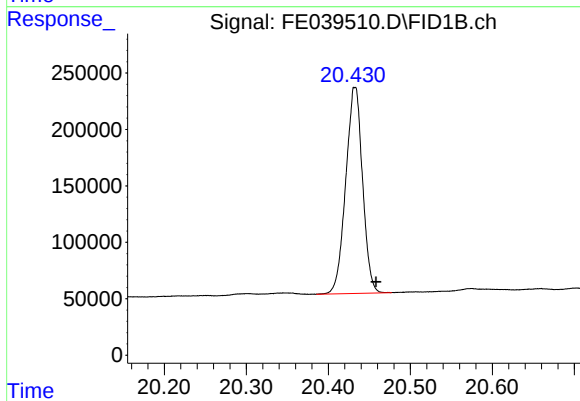
#18 n-Dotriacontane (C32)

R.T.: 18.909 min  
Delta R.T.: -0.025 min  
Response: 3046578  
Conc: 23.53 ug/ml



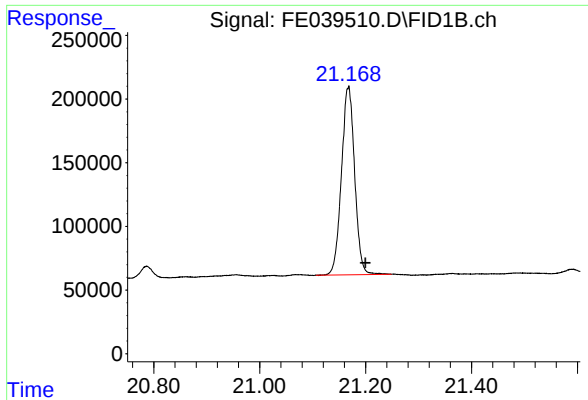
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min  
Delta R.T.: -0.025 min  
Response: 2843227  
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min  
Delta R.T.: -0.028 min  
Response: 2598990  
Conc: 21.49 ug/ml m



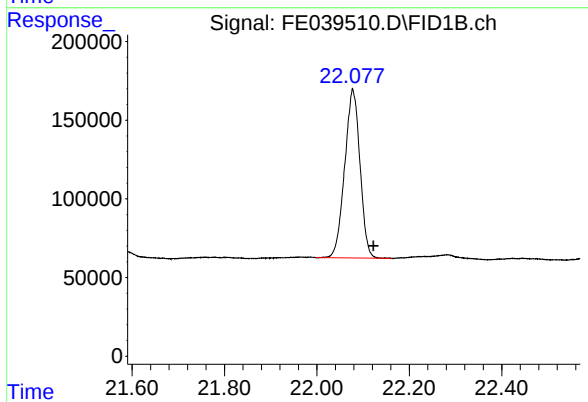
#21 n-Octatriacontane (C38)

R.T.: 21.168 min  
Delta R.T.: -0.032 min  
Response: 2558470  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/28/2022  
Supervised By :Ankita Jodhani 12/29/2022



#22 n-Tetracontane (C40)

R.T.: 22.077 min  
Delta R.T.: -0.045 min  
Response: 2460187  
Conc: 19.59 ug/ml