

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021419AL\  
 Data File : FC039180.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Feb 2019 17:24  
 Operator : AJ\SJ  
 Sample : PB117080BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB117080BS

Manual Integrations  
 APPROVED

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 2/15/2019 2:01:21 PM

Integration File: autoint1.e  
 Quant Time: Feb 14 23:38:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 03:09:34 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.658 | 3723336    | 31.577 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.15%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.066  | 4190296    | 40.372 ug/ml  |
| 2) T n-Decane (C10)            | 4.121  | 4302919    | 41.745 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.123  | 4421686    | 41.849 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.902  | 4525306    | 41.557 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.489  | 4491488    | 39.932 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.921 | 4425416    | 37.800 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.222 | 4415287    | 37.076 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.830 | 4340365    | 36.880 ug/ml  |
| 13) T n-Docosane (C22)         | 13.412 | 4376922    | 37.134 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.509 | 4344010    | 36.836 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.524 | 4259287    | 36.632 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.469 | 4233242    | 36.323 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.353 | 4203502    | 36.218 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.179 | 4105944    | 37.755 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.961 | 4047357    | 43.700 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.696 | 3874199    | 48.775 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.393 | 3668274    | 49.947 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.174 | 3564756    | 47.775 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 14 Feb 2019 17:24  
Operator : AJ\SJ  
Sample : PB117080BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

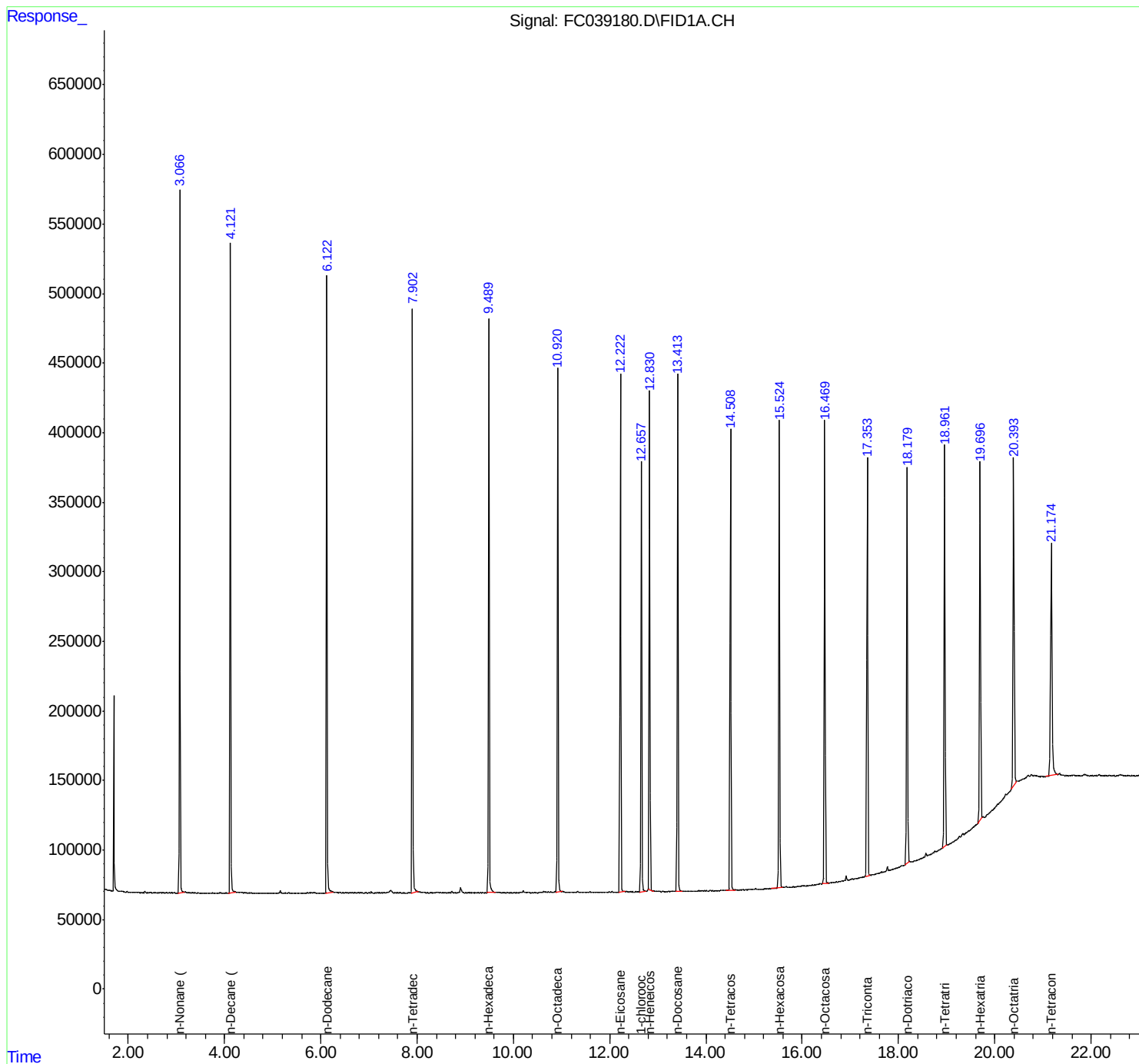
Instrument :  
FID\_C  
ClientSampleId :  
PB117080BS

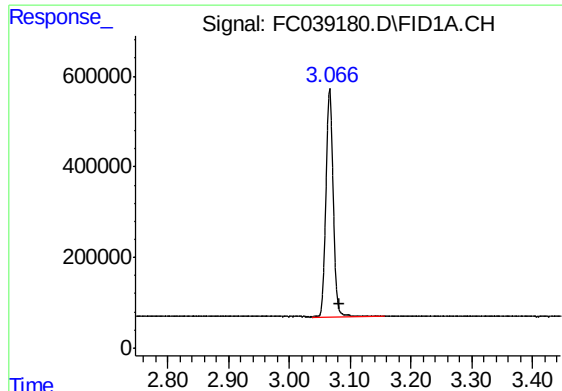
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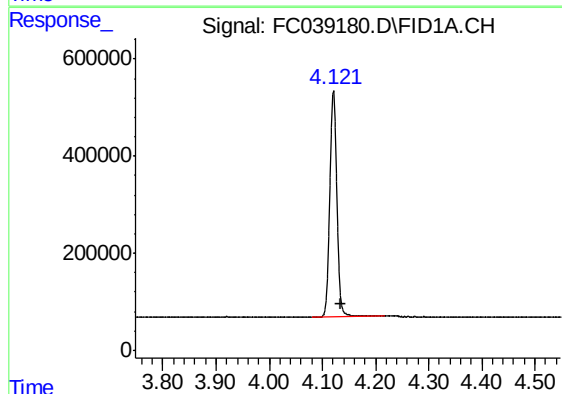
#1 n-Nonane (C9)

R.T.: 3.066 min  
Delta R.T.: -0.017 min  
Response: 4190296  
Conc: 40.37 ug/ml

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PB117080BS

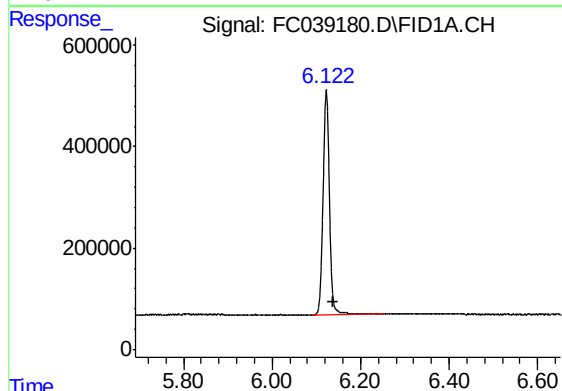
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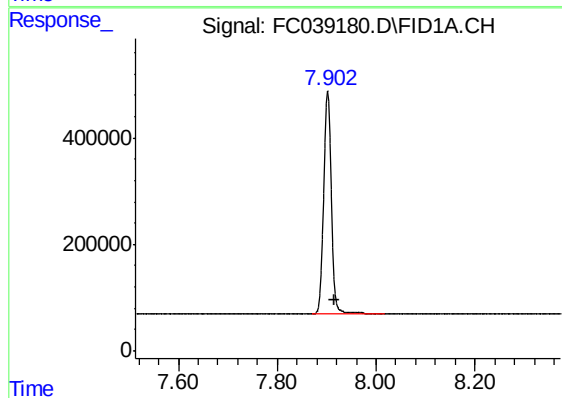
#2 n-Decane (C10)

R.T.: 4.121 min  
Delta R.T.: -0.015 min  
Response: 4302919  
Conc: 41.75 ug/ml



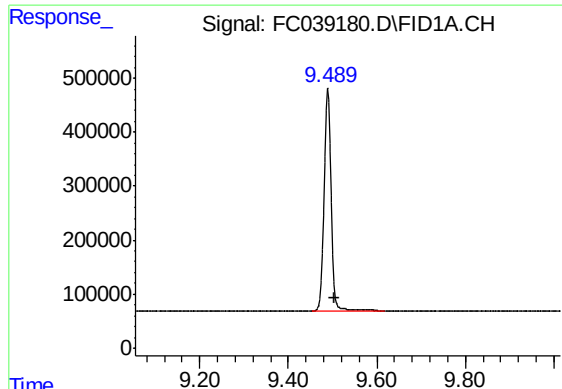
#4 n-Dodecane (C12)

R.T.: 6.123 min  
Delta R.T.: -0.014 min  
Response: 4421686  
Conc: 41.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.902 min  
Delta R.T.: -0.015 min  
Response: 4525306  
Conc: 41.56 ug/ml



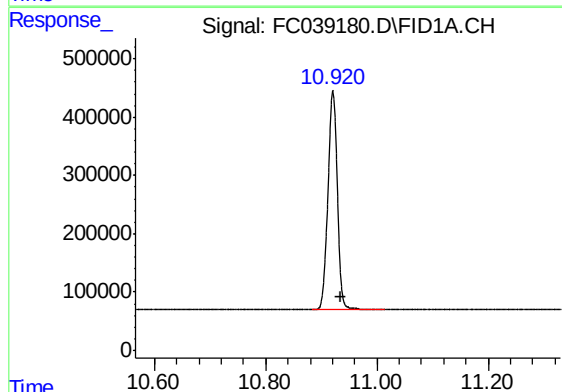
#7 n-Hexadecane (C16)

R.T.: 9.489 min  
Delta R.T.: -0.016 min  
Response: 4491488  
Conc: 39.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB117080BS

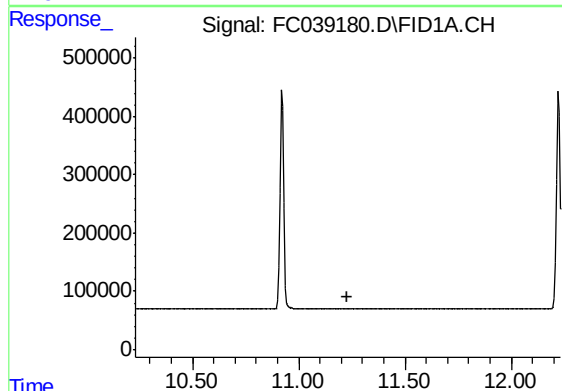
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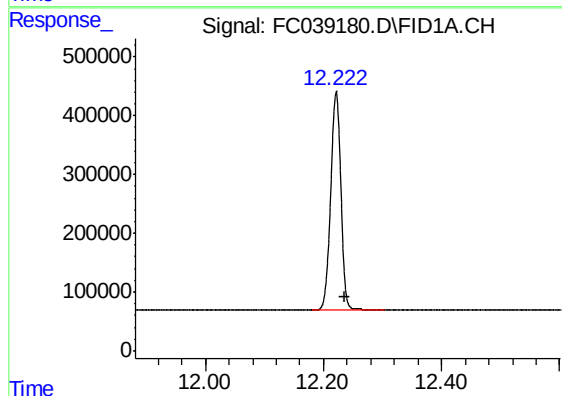
#8 n-Octadecane (C18)

R.T.: 10.921 min  
Delta R.T.: -0.015 min  
Response: 4425416  
Conc: 37.80 ug/ml



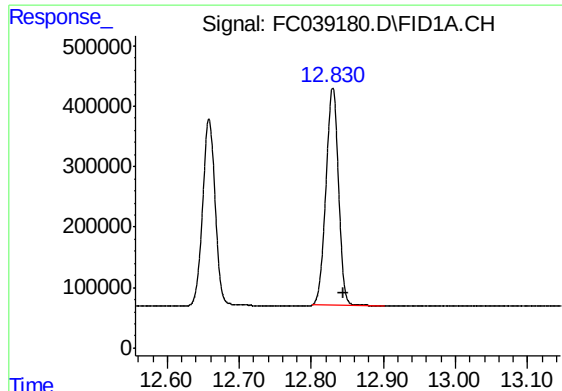
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.231 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.222 min  
Delta R.T.: -0.014 min  
Response: 4415287  
Conc: 37.08 ug/ml



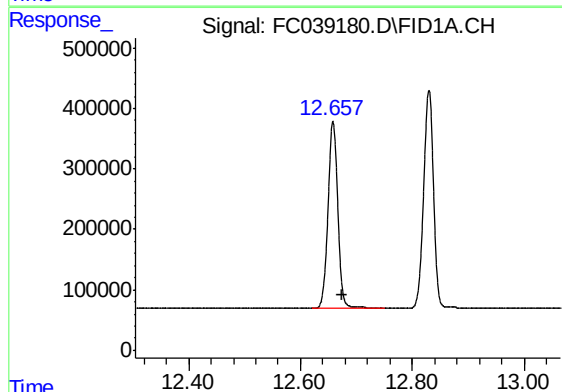
#11 n-Heneicosane (C21)

R.T.: 12.830 min  
Delta R.T.: -0.014 min  
Response: 4340365  
Conc: 36.88 ug/ml

Instrument :  
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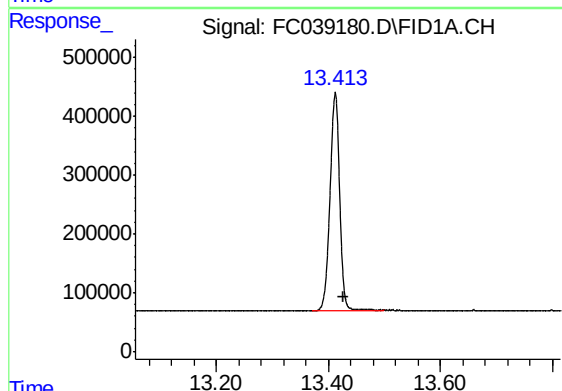
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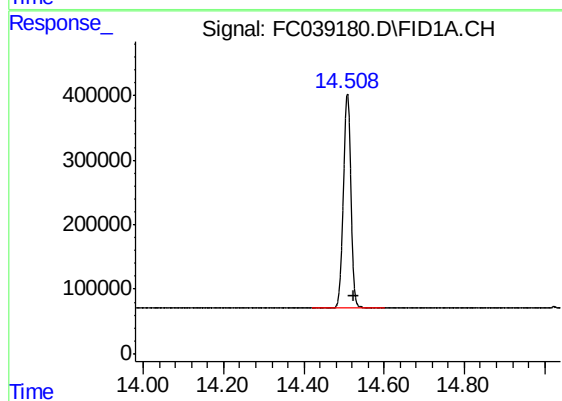
#12 1-chlorooctadecane (SURR)

R.T.: 12.658 min  
Delta R.T.: -0.016 min  
Response: 3723336  
Conc: 31.58 ug/ml



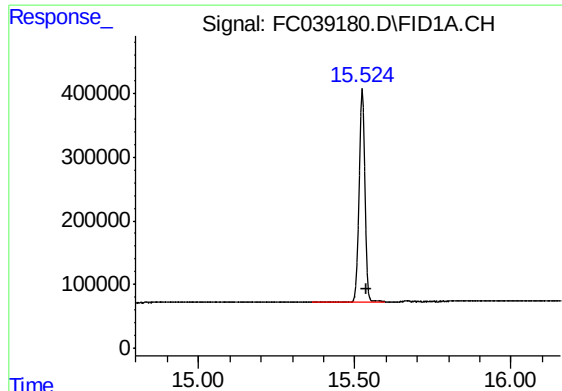
#13 n-Docosane (C22)

R.T.: 13.412 min  
Delta R.T.: -0.015 min  
Response: 4376922  
Conc: 37.13 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.509 min  
Delta R.T.: -0.015 min  
Response: 4344010  
Conc: 36.84 ug/ml



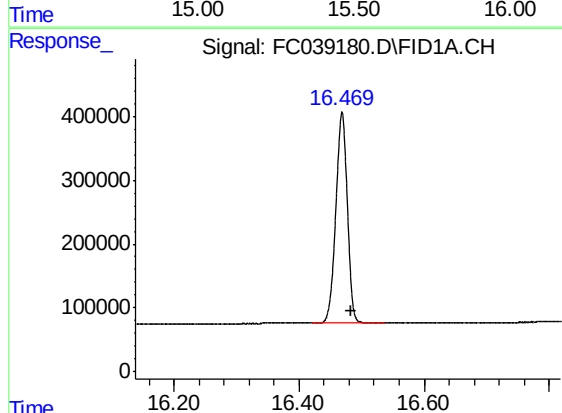
#15 n-Hexacosane (C26)

R.T.: 15.524 min  
Delta R.T.: -0.015 min  
Response: 4259287  
Conc: 36.63 ug/ml

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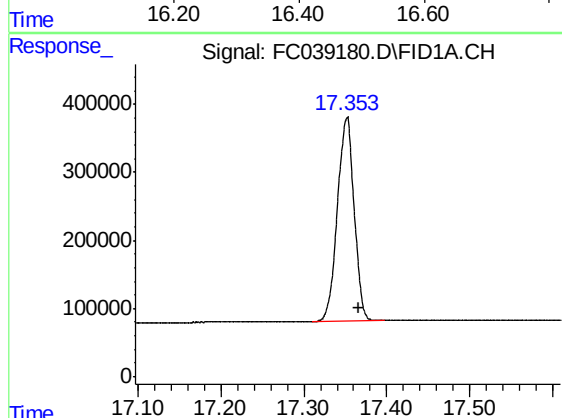
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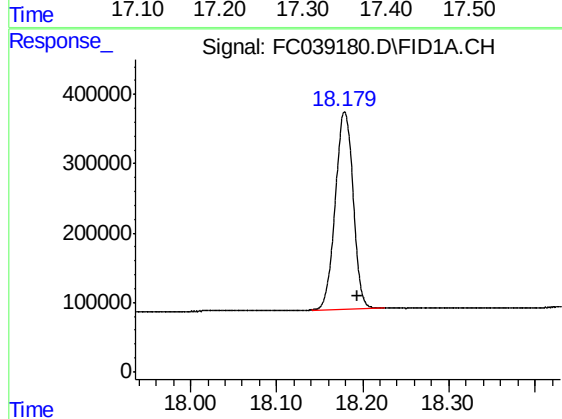
#16 n-Octacosane (C28)

R.T.: 16.469 min  
Delta R.T.: -0.014 min  
Response: 4233242  
Conc: 36.32 ug/ml



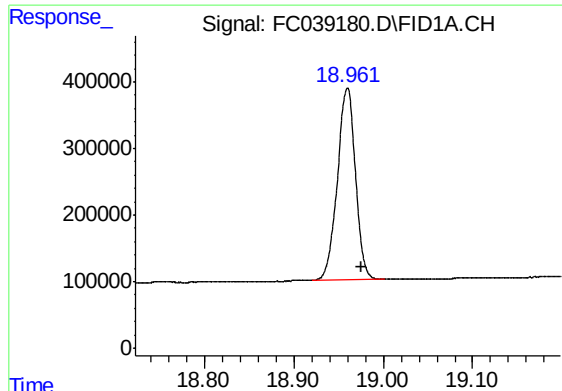
#17 n-Tricontane (C30)

R.T.: 17.353 min  
Delta R.T.: -0.013 min  
Response: 4203502  
Conc: 36.22 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.179 min  
Delta R.T.: -0.015 min  
Response: 4105944  
Conc: 37.76 ug/ml m



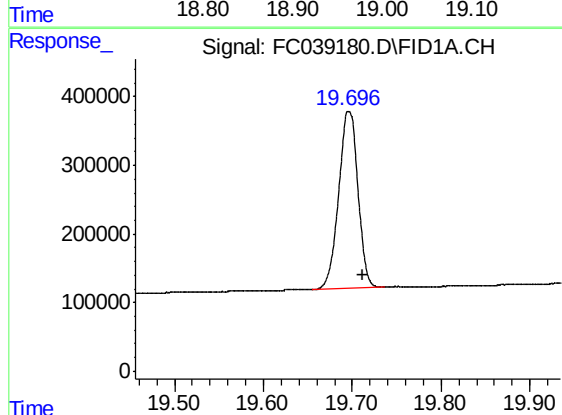
#19 n-Tetratriacontane (C34)

R.T.: 18.961 min  
Delta R.T.: -0.014 min  
Response: 4047357  
Conc: 43.70 ug/ml m

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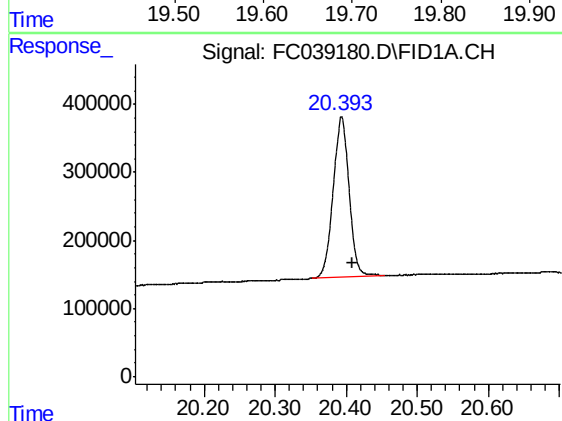
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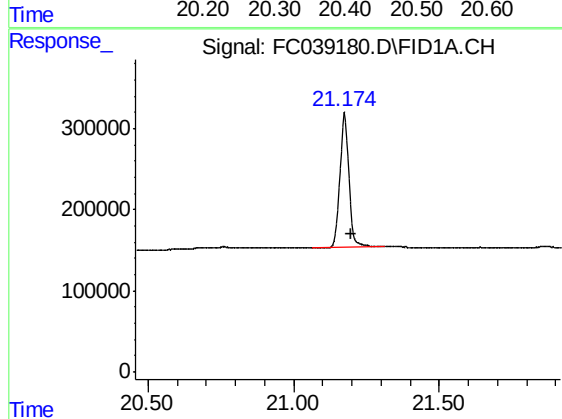
#20 n-Hexatriacontane (C36)

R.T.: 19.696 min  
Delta R.T.: -0.016 min  
Response: 3874199  
Conc: 48.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.393 min  
Delta R.T.: -0.016 min  
Response: 3668274  
Conc: 49.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.174 min  
Delta R.T.: -0.024 min  
Response: 3564756  
Conc: 47.78 ug/ml