

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038414.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2022 03:52
 Operator : YP\AJ
 Sample : N5330-02MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-5-102722-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:41:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.973	4043164	23.497 ug/ml
Spiked Amount 50.000		Recovery =	46.99%
12) S 1-chlorooctadecane (S...	13.404	3276591	23.934 ug/ml
Spiked Amount 50.000		Recovery =	47.87%
Target Compounds			
1) T n-Nonane (C9)	3.374	4245940	27.569 ug/ml
2) T n-Decane (C10)	4.621	4837307	31.164 ug/ml
3) T A~Naphthalene (C11.7)	6.321	5561942	32.842 ug/ml
4) T n-Dodecane (C12)	6.781	5450066	34.888 ug/ml
5) T A~2-methylnaphthalene...	7.415	5634276	33.620 ug/ml
6) T n-Tetradecane (C14)	8.607	5778581	36.950 ug/ml
7) T n-Hexadecane (C16)	10.212	6097397	38.594 ug/ml
8) T n-Octadecane (C18)	11.653	6421676	40.091 ug/ml
10) T n-Eicosane (C20)	12.962	6318480	39.214 ug/ml
11) T n-Heneicosane (C21)	13.574	6287727	38.925 ug/ml
13) T n-Docosane (C22)	14.159	6212353	38.481 ug/ml
14) T n-Tetracosane (C24)	15.248	11631652	72.517 ug/ml
15) T n-Hexacosane (C26)	16.280	5967633	37.571 ug/ml
16) T n-Octacosane (C28)	17.227	5844667	37.253 ug/ml
17) T n-Tricontane (C30)	18.115	5578925	34.965 ug/ml
18) T n-Dotriacontane (C32)	18.945	5590993	35.460 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5441028	36.907 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	5136116	35.946 ug/ml
21) T n-Octatriacontane (C38)	21.208	5023256	37.192 ug/ml
22) T n-Tetracontane (C40)	22.139	5265397	41.713 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
Data File : FE038414.D
Signal(s) : FID1B.ch
Acq On : 29 Oct 2022 03:52
Operator : YP\AJ
Sample : N5330-02MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

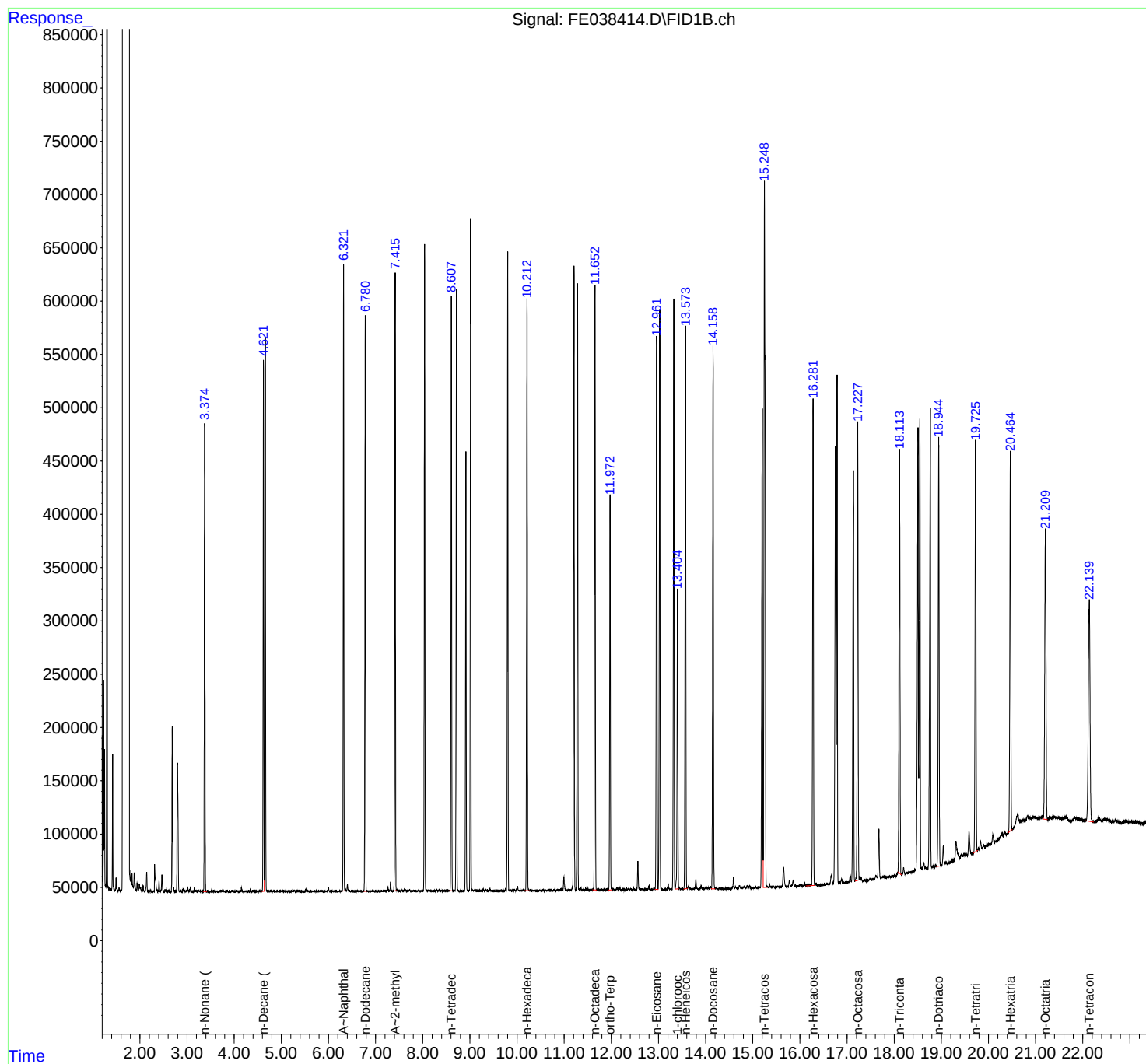
Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

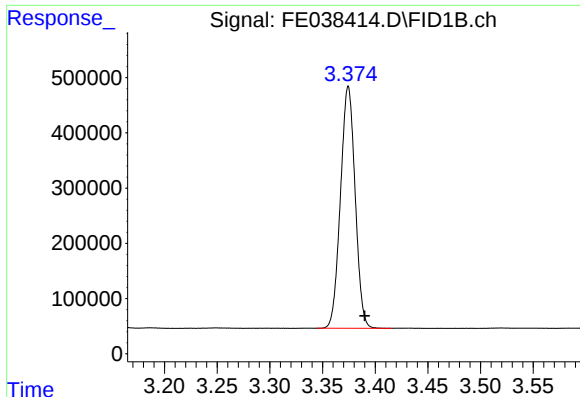
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
Quant Time: Oct 29 05:41:15 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 26 04:49:29 2022
Response via : Initial Calibration
Integrator: ChemStation

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





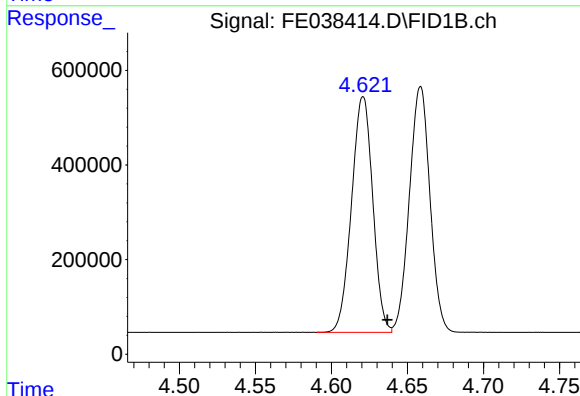
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.016 min
Response: 4245940
Conc: 27.57 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

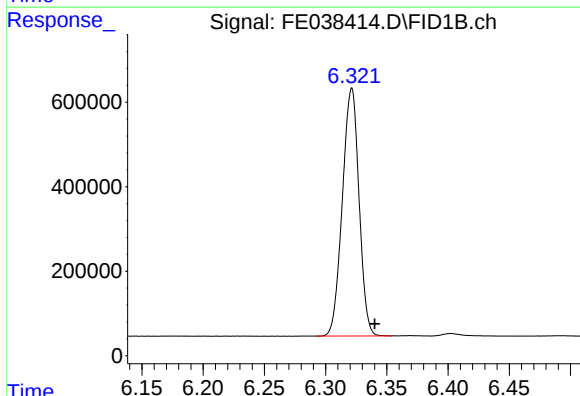
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



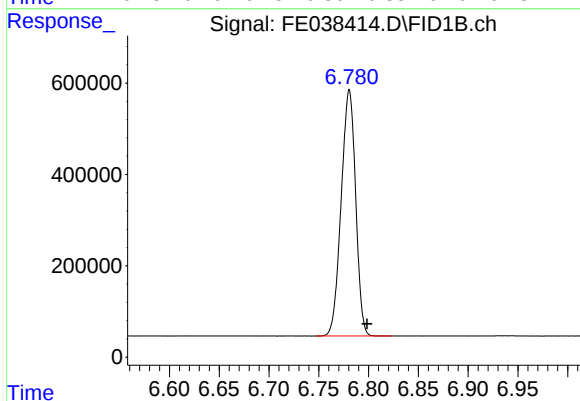
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: -0.016 min
Response: 4837307
Conc: 31.16 ug/ml



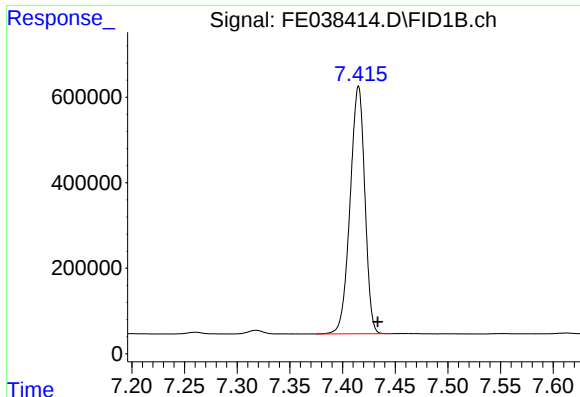
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.019 min
Response: 5561942
Conc: 32.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.018 min
Response: 5450066
Conc: 34.89 ug/ml



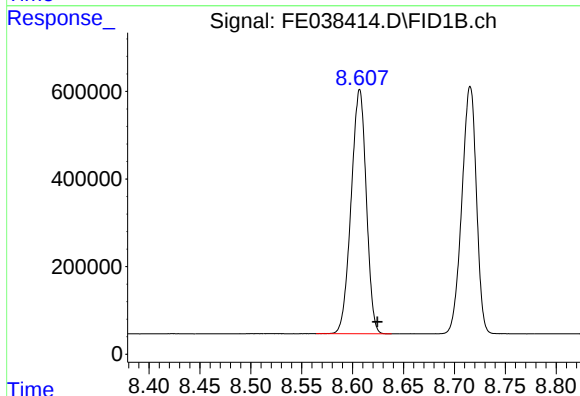
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.415 min
Delta R.T.: -0.018 min
Response: 5634276
Conc: 33.62 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

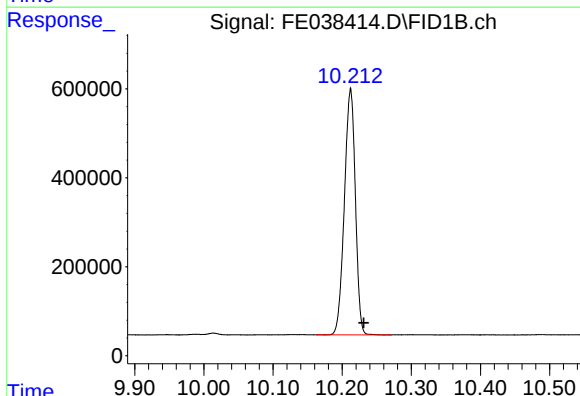
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



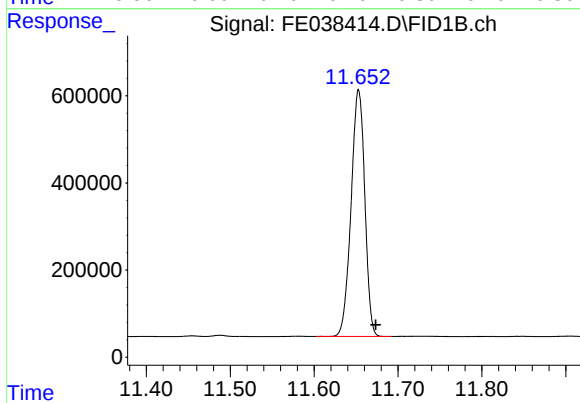
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.017 min
Response: 5778581
Conc: 36.95 ug/ml



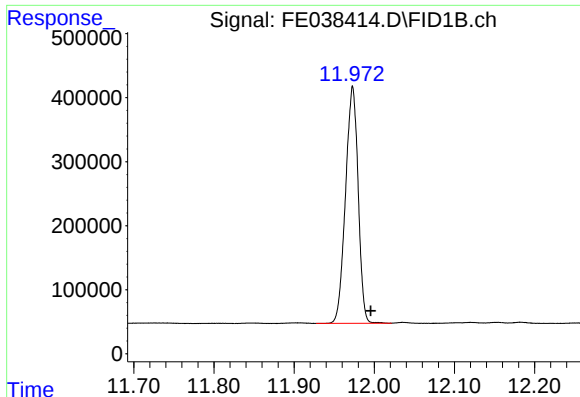
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.019 min
Response: 6097397
Conc: 38.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.020 min
Response: 6421676
Conc: 40.09 ug/ml



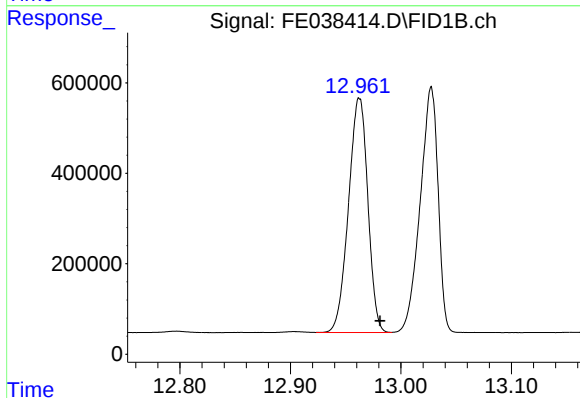
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.022 min
Response: 4043164
Conc: 23.50 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

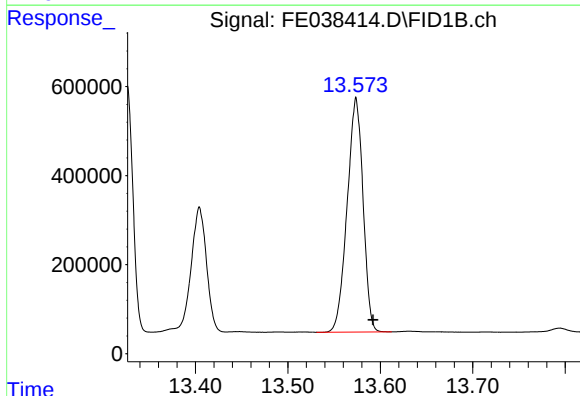
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



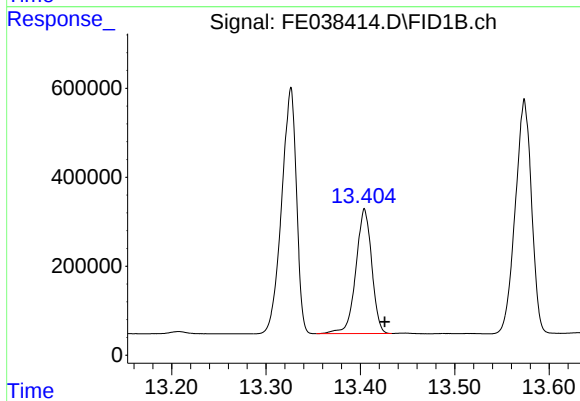
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.019 min
Response: 6318480
Conc: 39.21 ug/ml



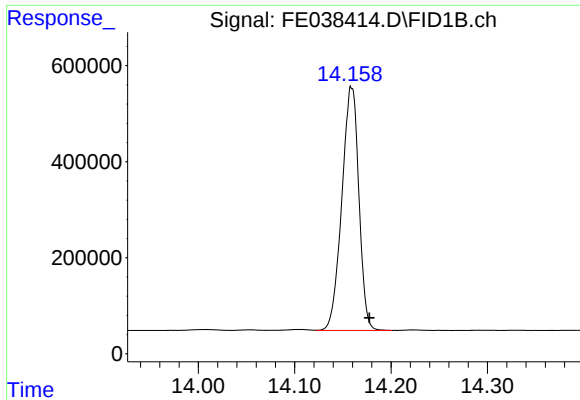
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.018 min
Response: 6287727
Conc: 38.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: -0.021 min
Response: 3276591
Conc: 23.93 ug/ml



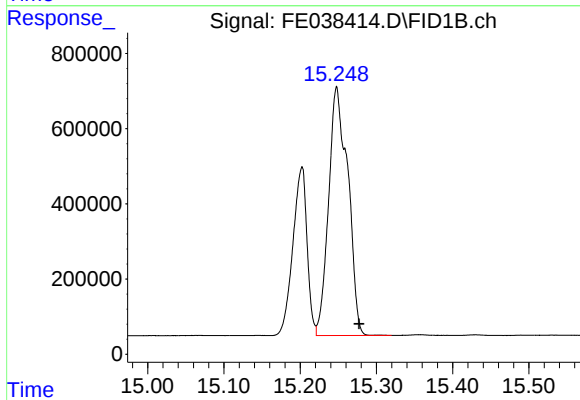
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.018 min
Response: 6212353
Conc: 38.48 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

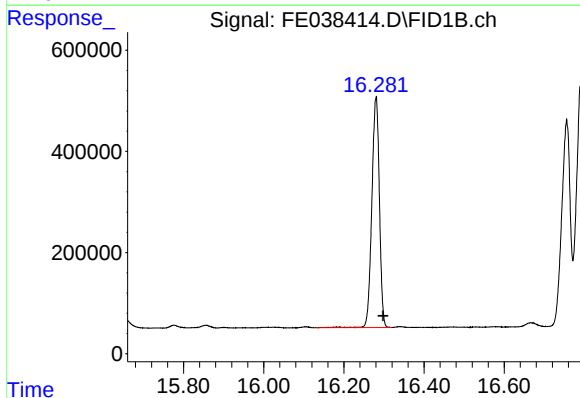
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



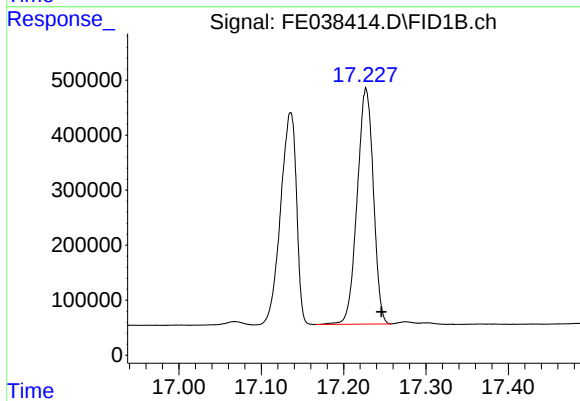
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.030 min
Response: 11631652
Conc: 72.52 ug/ml



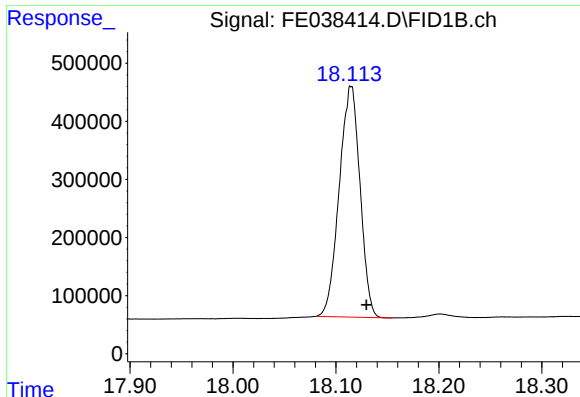
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.018 min
Response: 5967633
Conc: 37.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: -0.019 min
Response: 5844667
Conc: 37.25 ug/ml



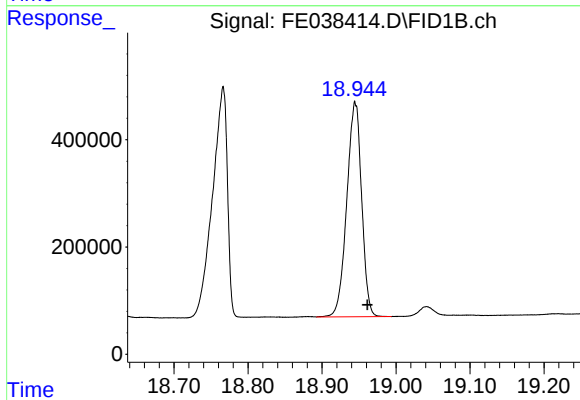
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.015 min
Response: 5578925
Conc: 34.96 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

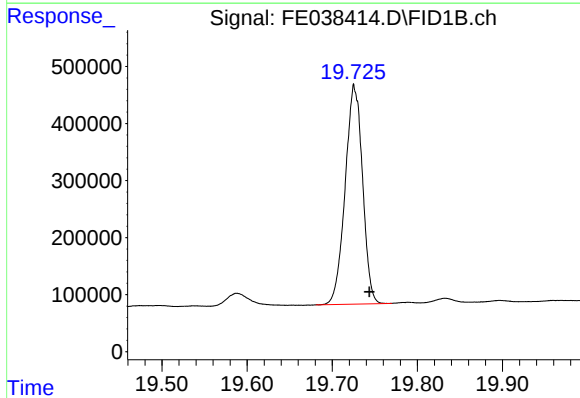
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



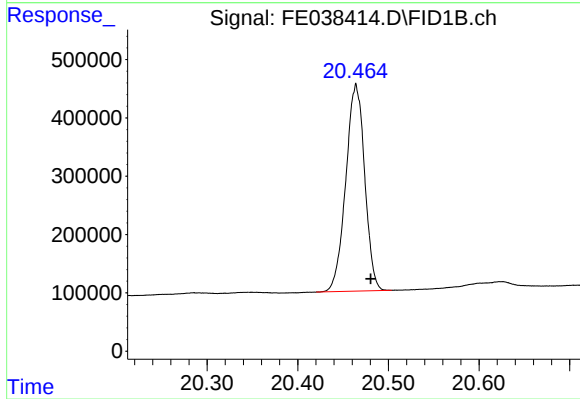
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.016 min
Response: 5590993
Conc: 35.46 ug/ml



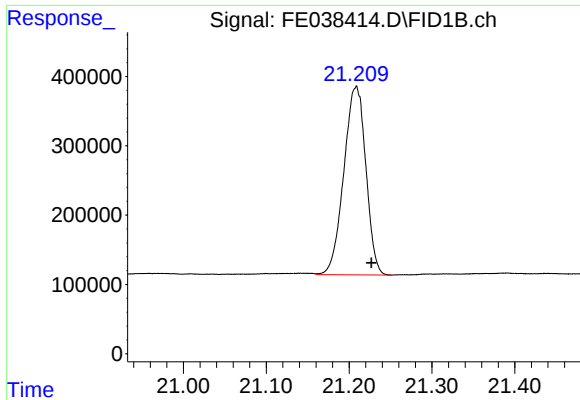
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 5441028
Conc: 36.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.017 min
Response: 5136116
Conc: 35.95 ug/ml



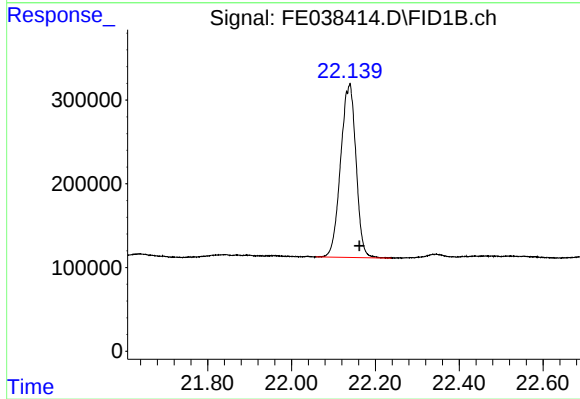
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 5023256
Conc: 37.19 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-102722-EPH-2MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2022
Supervised By :Ankita Jodhani 10/31/2022



#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.023 min
Response: 5265397
Conc: 41.71 ug/ml