

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080723AL\  
 Data File : FE043773.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Aug 2023 12:18  
 Operator : YP\AJ  
 Sample : 03572-01  
 Misc : LOD 4 PPM  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e  
 Quant Time: Aug 08 01:38:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 02 09:56:52 2023  
 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			
12) S 1-chlorooctadecane (S... Spiked Amount 50.000	13.382	6845772 Recovery =	43.870 ug/ml 87.74%
Target Compounds			
1) T n-Nonane (C9)	3.328	547937	3.393 ug/ml
2) T n-Decane (C10)	4.579	542791	3.293 ug/ml
4) T n-Dodecane (C12)	6.742	563384	3.366 ug/ml
6) T n-Tetradecane (C14)	8.570	591209	3.509 ug/ml
7) T n-Hexadecane (C16)	10.178	586931	3.327 ug/ml
8) T n-Octadecane (C18)	11.622	615574	3.398 ug/ml
10) T n-Eicosane (C20)	12.934	589669	3.332 ug/ml
11) T n-Heneicosane (C21)	13.546	587832	3.320 ug/ml
13) T n-Docosane (C22)	14.132	580481	3.309 ug/ml
14) T n-Tetracosane (C24)	15.236	566273	3.223 ug/ml
15) T n-Hexacosane (C26)	16.261	548159	3.172 ug/ml
16) T n-Octacosane (C28)	17.209	529492	3.165 ug/ml
17) T n-Tricontane (C30)	18.100	514845	3.108 ug/ml
18) T n-Dotriacontane (C32)	18.933	501419	3.176 ug/ml
19) T n-Tetratriacontane (C34)	19.719	477960	3.216 ug/ml
20) T n-Hexatriacontane (C36)	20.460	444413	3.179 ug/ml
21) T n-Octatriacontane (C38)	21.204	401924	3.013 ug/ml
22) T n-Tetracontane (C40)	22.127	428033	3.317 ug/ml
-----			

(f)=RT Delta > 1/2 Window

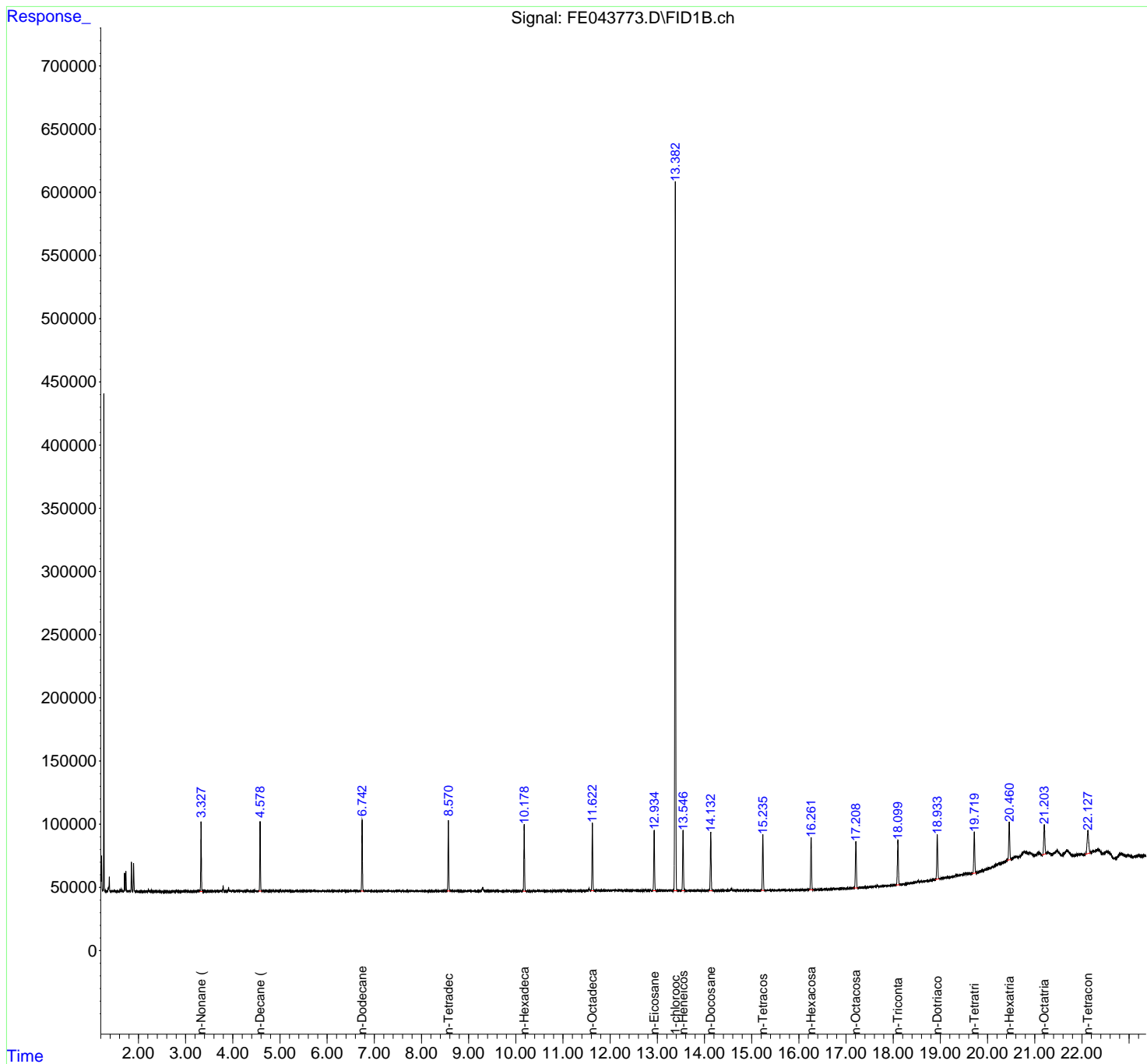
(m)=manual int.

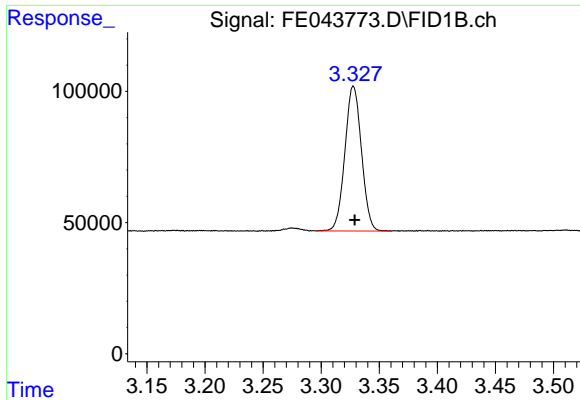
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080723AL\  
 Data File : FE043773.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Aug 2023 12:18  
 Operator : YP\AJ  
 Sample : 03572-01  
 Misc : LOD 4 PPM  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e  
 Quant Time: Aug 08 01:38:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 02 09:56:52 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

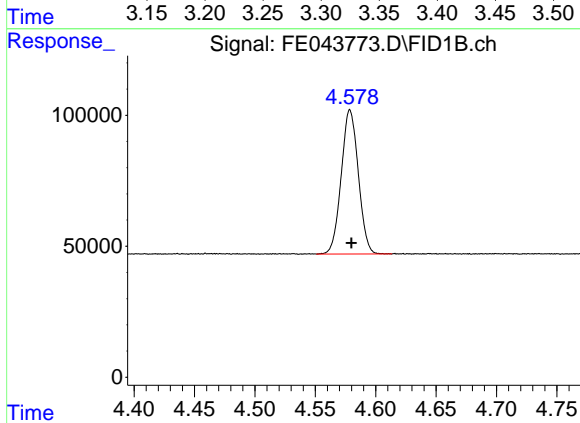




#1 n-Nonane (C9)

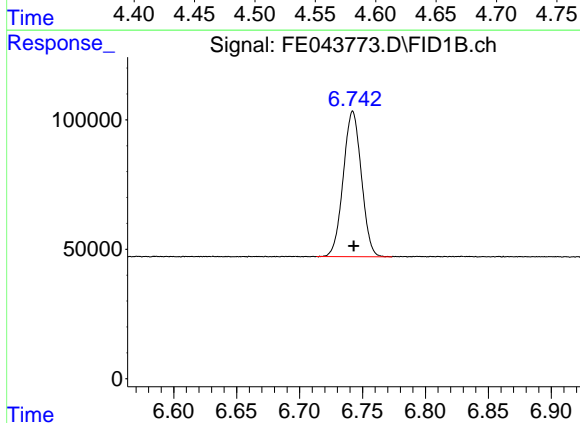
R.T.: 3.328 min  
 Delta R.T.: -0.001 min  
 Response: 547937  
 Conc: 3.39 ug/ml

Instrument : FID\_E  
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2023



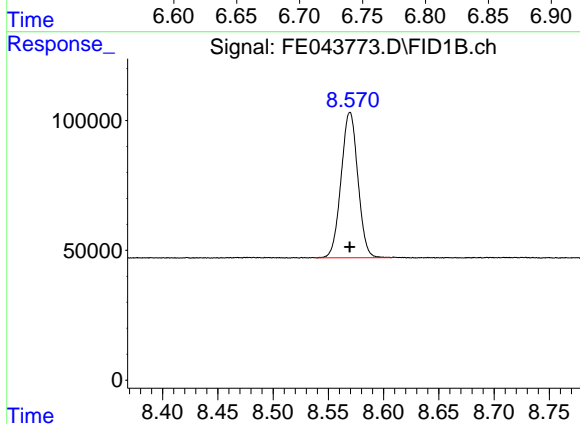
#2 n-Decane (C10)

R.T.: 4.579 min  
 Delta R.T.: -0.001 min  
 Response: 542791  
 Conc: 3.29 ug/ml



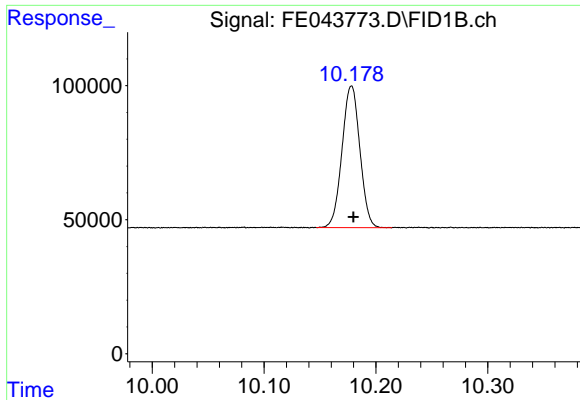
#4 n-Dodecane (C12)

R.T.: 6.742 min  
 Delta R.T.: 0.000 min  
 Response: 563384  
 Conc: 3.37 ug/ml



#6 n-Tetradecane (C14)

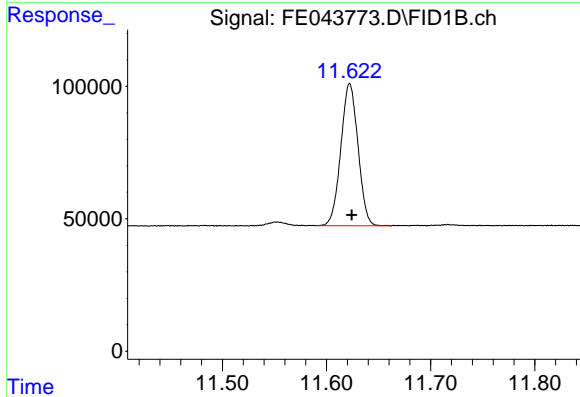
R.T.: 8.570 min  
 Delta R.T.: 0.000 min  
 Response: 591209  
 Conc: 3.51 ug/ml



#7 n-Hexadecane (C16)

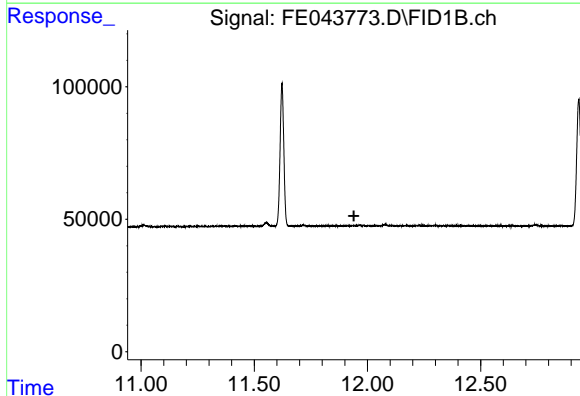
R.T.: 10.178 min  
 Delta R.T.: -0.002 min  
 Response: 586931  
 Conc: 3.33 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023



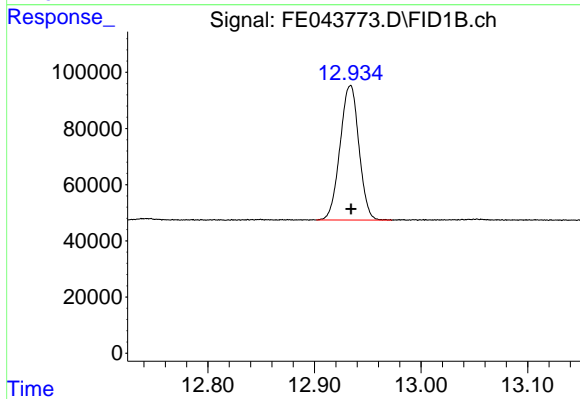
#8 n-Octadecane (C18)

R.T.: 11.622 min  
 Delta R.T.: -0.002 min  
 Response: 615574  
 Conc: 3.40 ug/ml



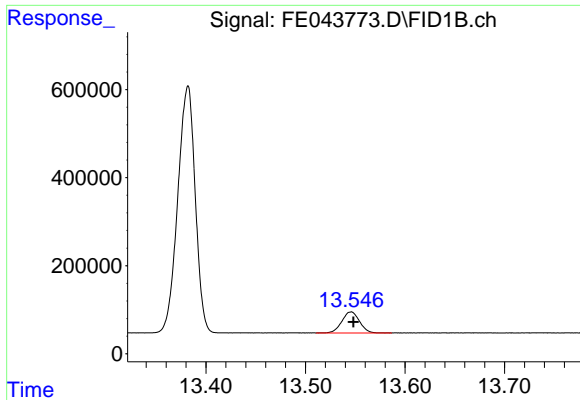
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min  
 Exp R.T. : 11.940 min  
 Response: 0  
 Conc: N.D.



#10 n-Eicosane (C20)

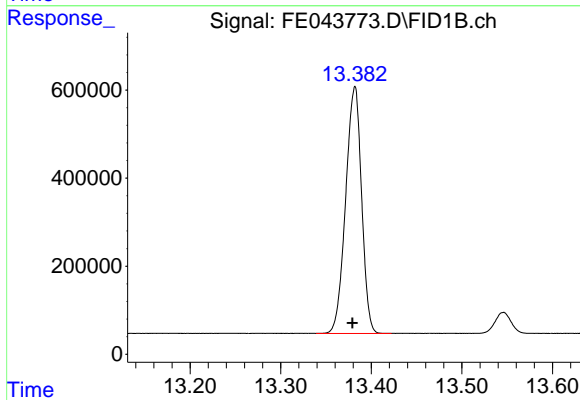
R.T.: 12.934 min  
 Delta R.T.: 0.000 min  
 Response: 589669  
 Conc: 3.33 ug/ml



#11 n-Heneicosane (C21)

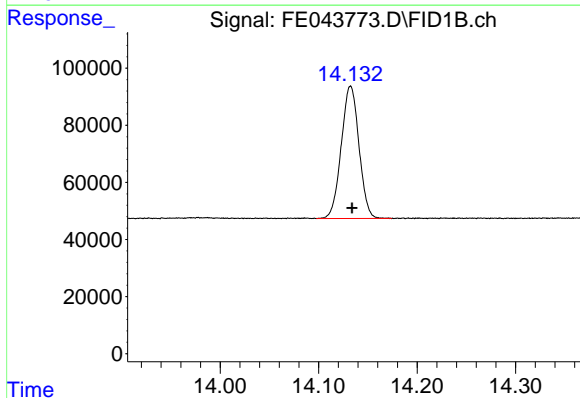
R.T.: 13.546 min  
 Delta R.T.: -0.002 min  
 Response: 587832  
 Conc: 3.32 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023



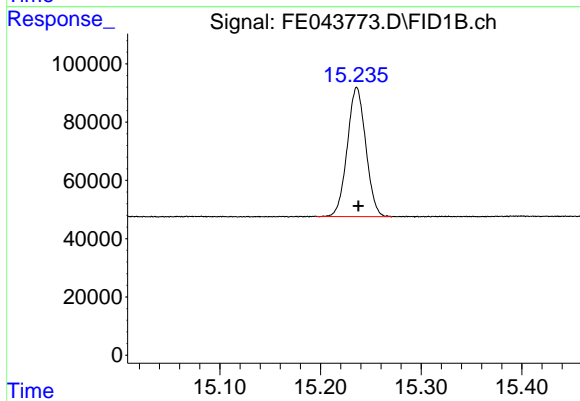
#12 1-chlorooctadecane (SURRE)

R.T.: 13.382 min  
 Delta R.T.: 0.003 min  
 Response: 6845772  
 Conc: 43.87 ug/ml



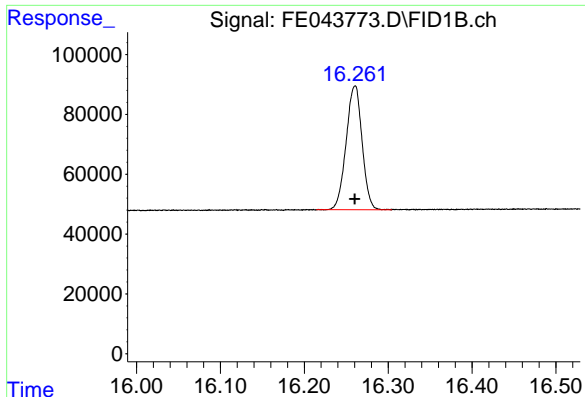
#13 n-Docosane (C22)

R.T.: 14.132 min  
 Delta R.T.: -0.002 min  
 Response: 580481  
 Conc: 3.31 ug/ml



#14 n-Tetracosane (C24)

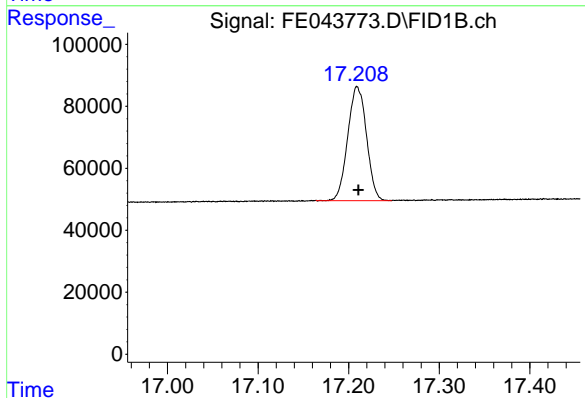
R.T.: 15.236 min  
 Delta R.T.: -0.002 min  
 Response: 566273  
 Conc: 3.22 ug/ml



#15 n-Hexacosane (C26)

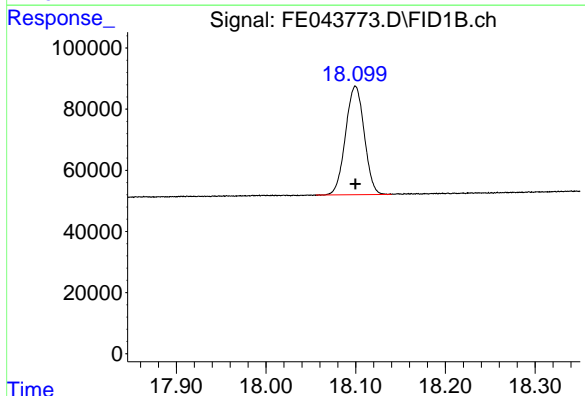
R.T.: 16.261 min  
Delta R.T.: 0.000 min  
Response: 548159  
Conc: 3.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2023



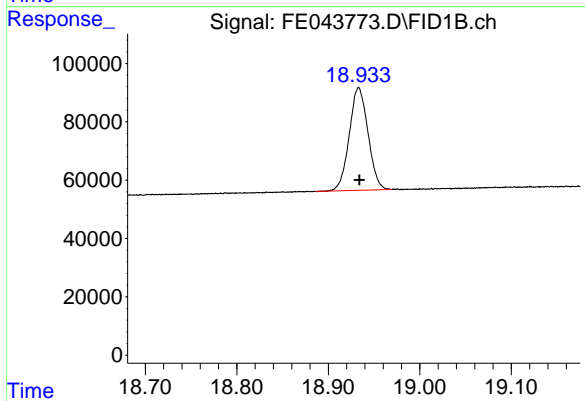
#16 n-Octacosane (C28)

R.T.: 17.209 min  
Delta R.T.: -0.001 min  
Response: 529492  
Conc: 3.16 ug/ml



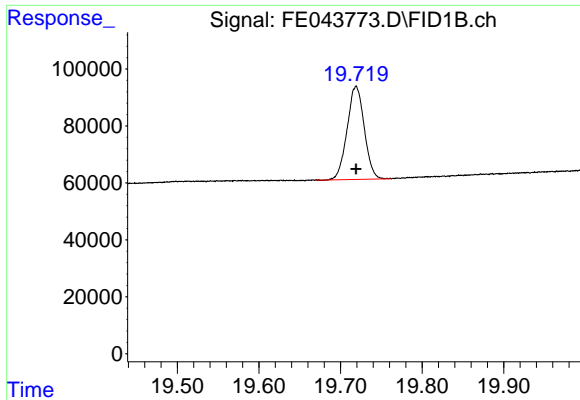
#17 n-Tricontane (C30)

R.T.: 18.100 min  
Delta R.T.: 0.000 min  
Response: 514845  
Conc: 3.11 ug/ml



#18 n-Dotriacontane (C32)

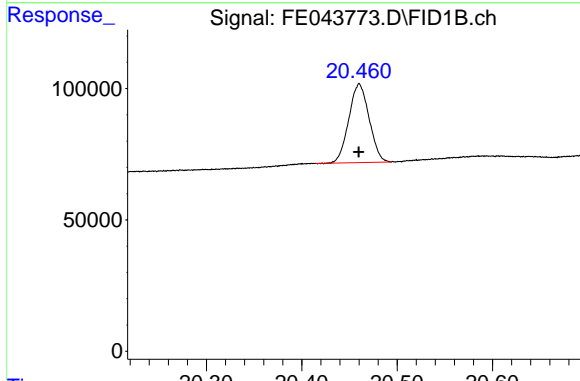
R.T.: 18.933 min  
Delta R.T.: 0.000 min  
Response: 501419  
Conc: 3.18 ug/ml



#19 n-Tetratriacontane (C34)

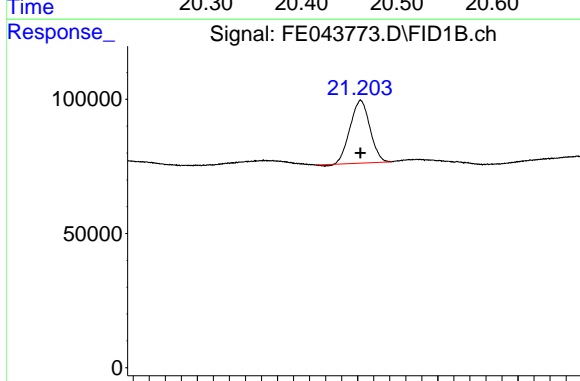
R.T.: 19.719 min  
 Delta R.T.: 0.000 min  
 Response: 477960  
 Conc: 3.22 ug/ml

Instrument :  
 FID\_E  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023



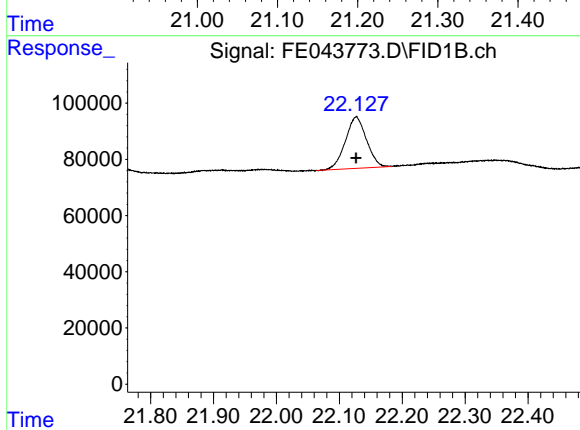
#20 n-Hexatriacontane (C36)

R.T.: 20.460 min  
 Delta R.T.: 0.000 min  
 Response: 444413  
 Conc: 3.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min  
 Delta R.T.: 0.000 min  
 Response: 401924  
 Conc: 3.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.127 min  
 Delta R.T.: 0.000 min  
 Response: 428033  
 Conc: 3.32 ug/ml