

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032322AL\
 Data File : FE035507.D
 Signal(s) : FID1B.CH
 Acq On : 23 Mar 2022 15:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 05:42:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 13:27:46 2022
 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			
9) S ortho-Terphenyl (SURR)	11.355	2456924	18.524 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	12.789	1789086	19.025 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.171	2060402	18.560 ug/ml
2) T n-Decane (C10)	4.225	2042218	18.585 ug/ml
3) T A~Naphthalene (C11.7)	5.796	2211932	19.069 ug/ml
4) T n-Dodecane (C12)	6.231	2115807	18.628 ug/ml
5) T A~2-methylnaphthalene...	6.847	2187280	19.177 ug/ml
6) T n-Tetradecane (C14)	8.017	2150739	18.807 ug/ml
7) T n-Hexadecane (C16)	9.610	2181352	18.634 ug/ml
8) T n-Octadecane (C18)	11.045	2246605	18.562 ug/ml
10) T n-Eicosane (C20)	12.349	2226332	18.595 ug/ml
11) T n-Heneicosane (C21)	12.957	2229429	18.595 ug/ml
13) T n-Docosane (C22)	13.541	2212609	18.593 ug/ml
14) T n-Tetracosane (C24)	14.638	2194305	18.675 ug/ml
15) T n-Hexacosane (C26)	15.654	2121943	18.738 ug/ml
16) T n-Octacosane (C28)	16.600	2043084	18.858 ug/ml
17) T n-Tricontane (C30)	17.482	1925144	18.853 ug/ml
18) T n-Dotriacontane (C32)	18.311	1754450	18.861 ug/ml
19) T n-Tetratriacontane (C34)	19.092	1588941	19.017 ug/ml
20) T n-Hexatriacontane (C36)	19.828	1436219	19.518 ug/ml
21) T n-Octatriacontane (C38)	20.529	1286768	20.478 ug/ml
22) T n-Tetracontane (C40)	21.339	1006582	22.430 ug/ml

(f)=RT Delta > 1/2 Window

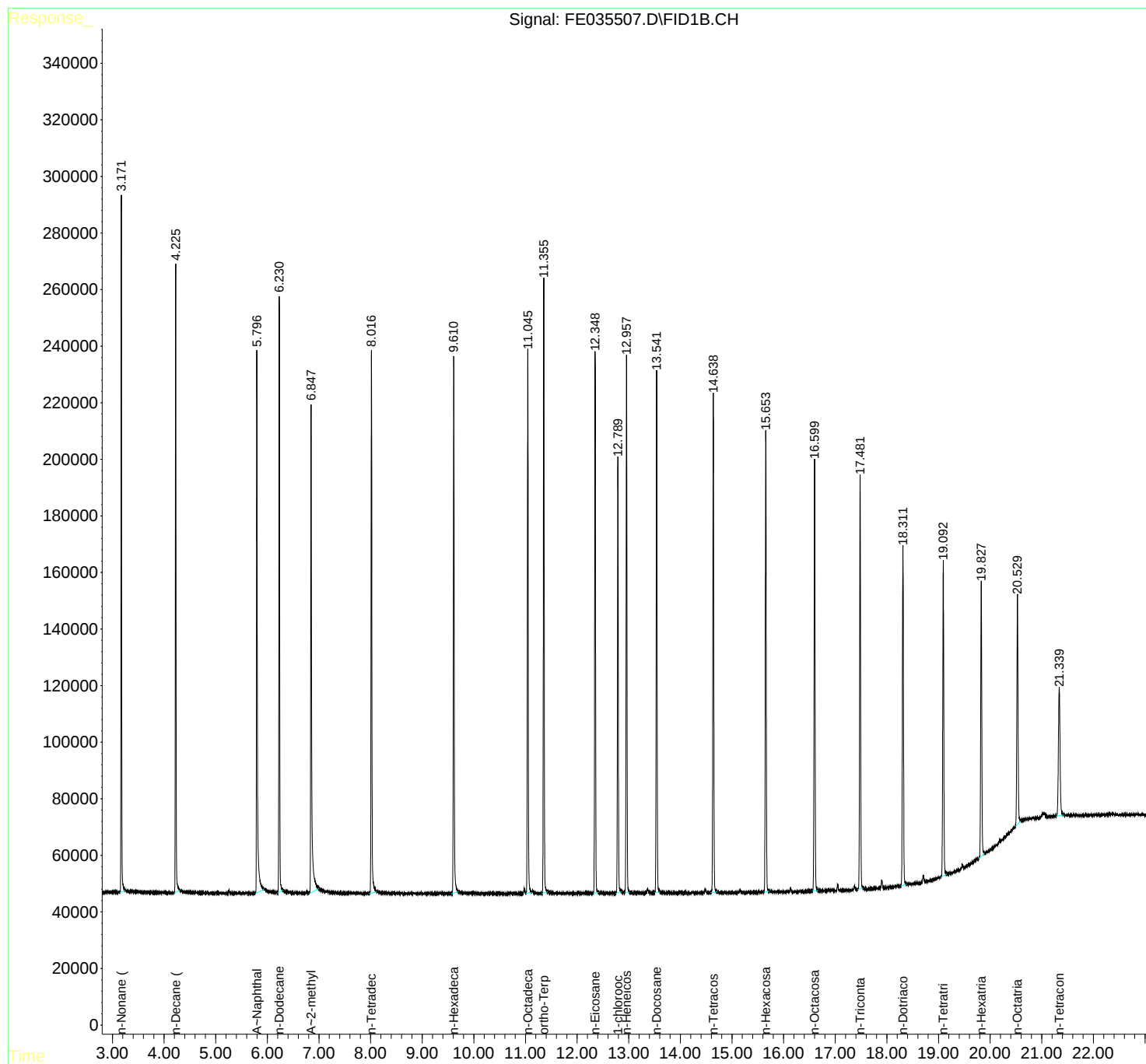
(m)=manual int.

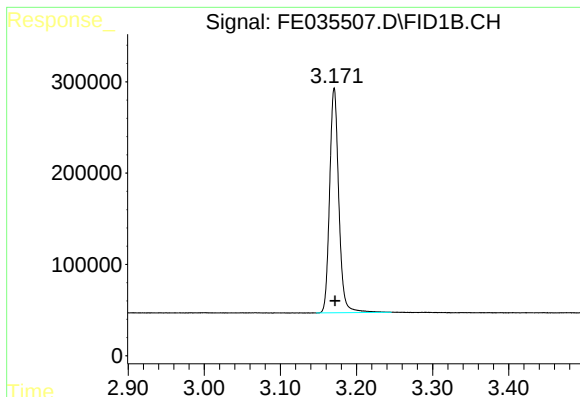
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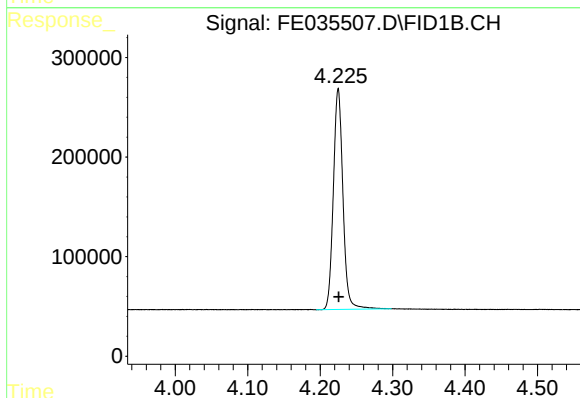




#1 n-Nonane (C9)

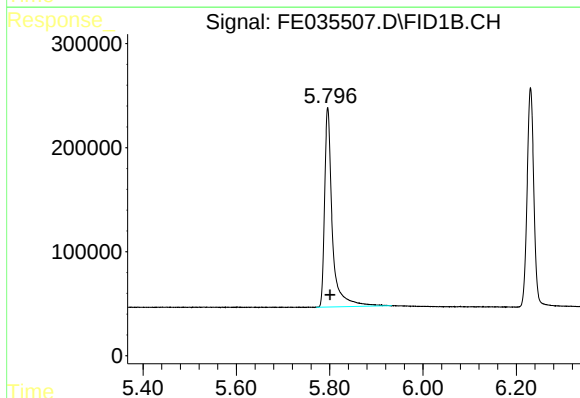
R.T.: 3.171 min
Delta R.T.: -0.001 min
Response: 2060402
Conc: 18.56 ug/ml

Instrument :
FID_E
ClientSampleId :



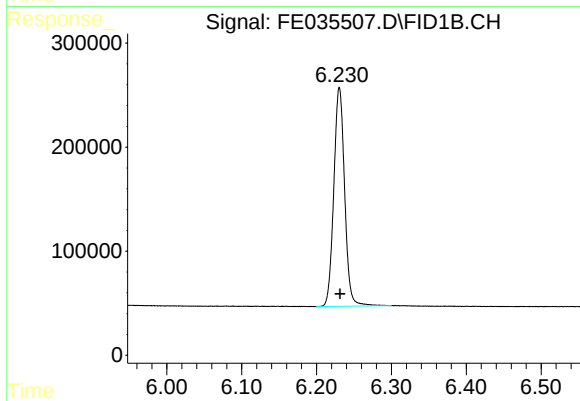
#2 n-Decane (C10)

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 2042218
Conc: 18.59 ug/ml



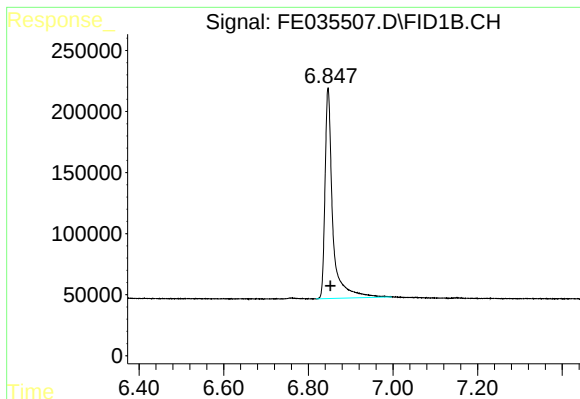
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 2211932
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

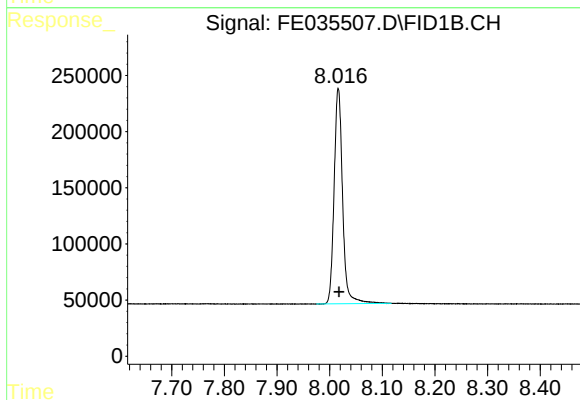
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 2115807
Conc: 18.63 ug/ml



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

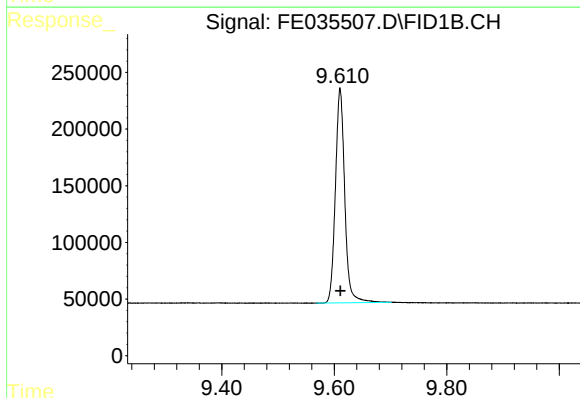
R.T.: 6.847 min
Delta R.T.: -0.005 min
Response: 2187280
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :



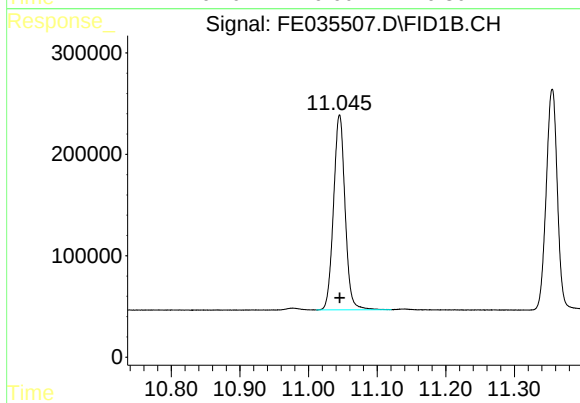
#6 n-Tetradecane (C14)

R.T.: 8.017 min
Delta R.T.: -0.001 min
Response: 2150739
Conc: 18.81 ug/ml



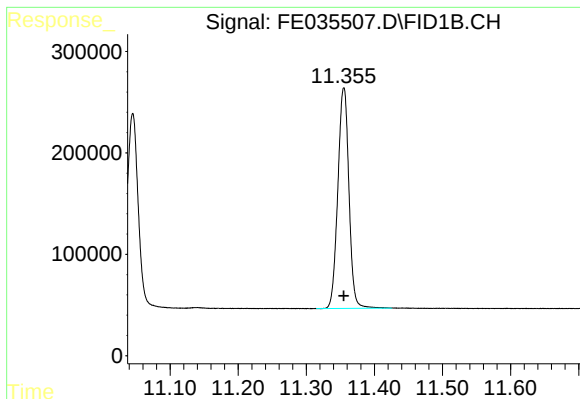
#7 n-Hexadecane (C16)

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 2181352
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

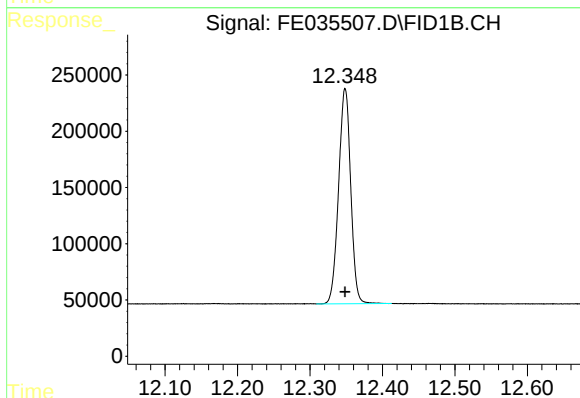
R.T.: 11.045 min
Delta R.T.: 0.000 min
Response: 2246605
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

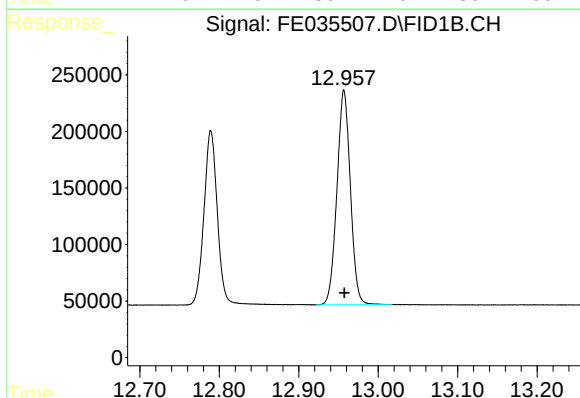
R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 2456924
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :



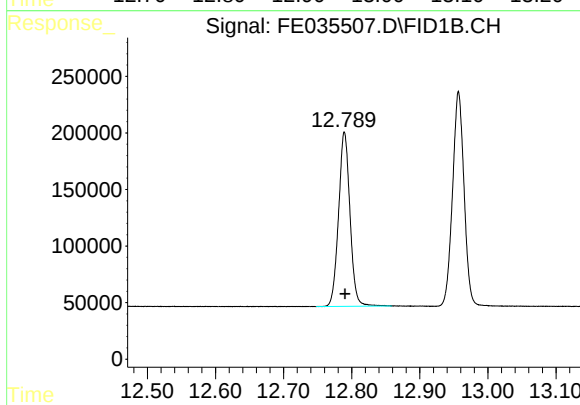
#10 n-Eicosane (C20)

R.T.: 12.349 min
Delta R.T.: 0.000 min
Response: 2226332
Conc: 18.59 ug/ml



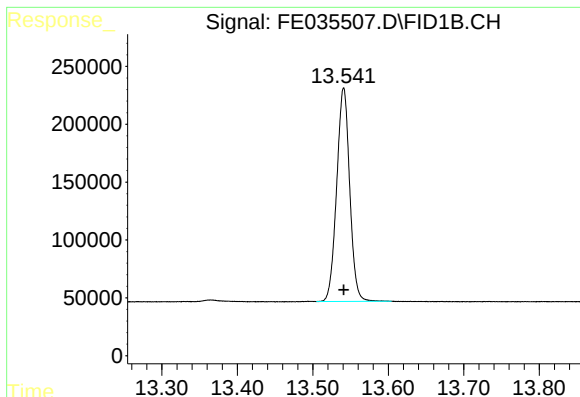
#11 n-Heneicosane (C21)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 2229429
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

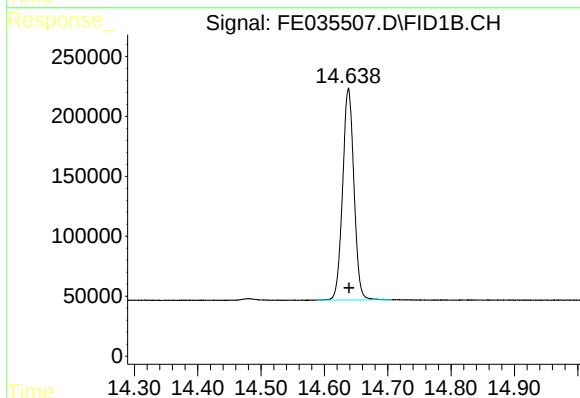
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 1789086
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

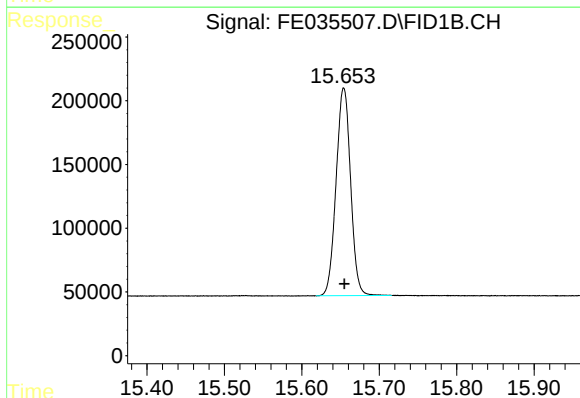
R.T.: 13.541 min
Delta R.T.: 0.000 min
Response: 2212609
Conc: 18.59 ug/ml

Instrument :
FID_E
ClientSampleId :



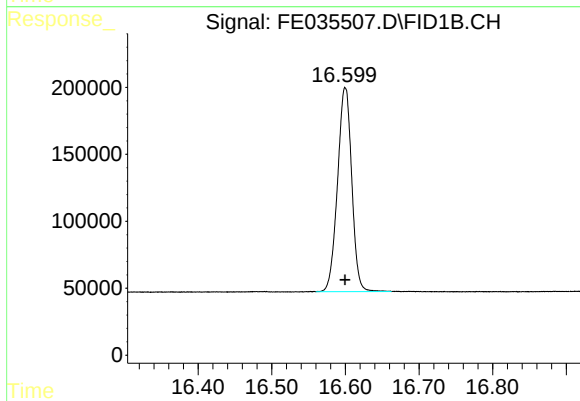
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 2194305
Conc: 18.68 ug/ml



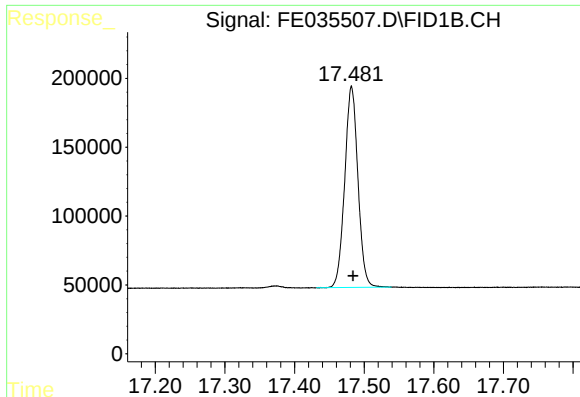
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: 0.000 min
Response: 2121943
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

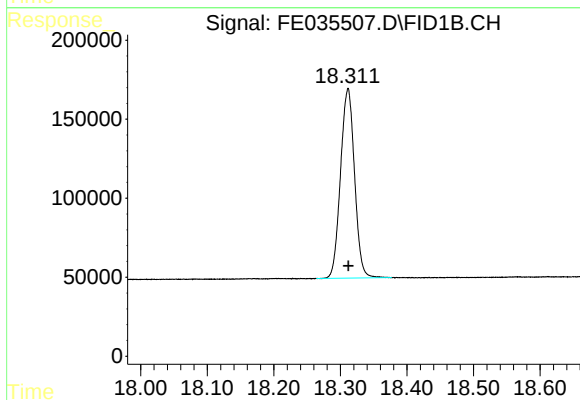
R.T.: 16.600 min
Delta R.T.: 0.000 min
Response: 2043084
Conc: 18.86 ug/ml



#17 n-Tricontane (C30)

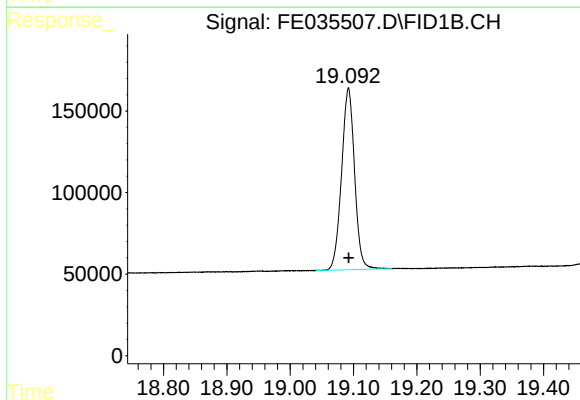
R.T.: 17.482 min
Delta R.T.: -0.002 min
Response: 1925144
Conc: 18.85 ug/ml

Instrument :
FID_E
ClientSampleId :



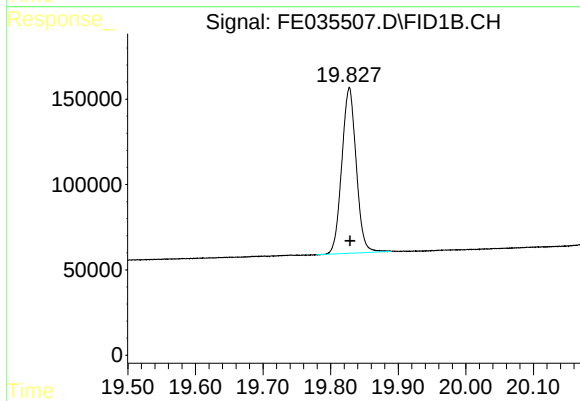
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 1754450
Conc: 18.86 ug/ml



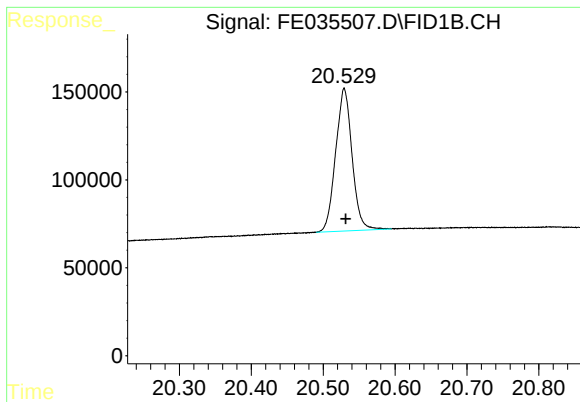
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: 0.000 min
Response: 1588941
Conc: 19.02 ug/ml



#20 n-Hexatriacontane (C36)

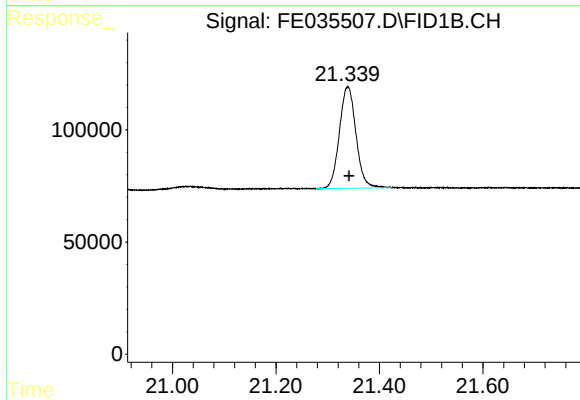
R.T.: 19.828 min
Delta R.T.: 0.000 min
Response: 1436219
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.002 min
Response: 1286768
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: -0.002 min
Response: 1006582
Conc: 22.43 ug/ml