

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032322AL\
 Data File : FE035505.D
 Signal(s) : FID1B.CH
 Acq On : 23 Mar 2022 13:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 15:24:47 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	2541099	19.158 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	12.789	1848329	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.171	2135826	19.239 ug/ml
2) T n-Decane (C10)	4.225	2119538	19.289 ug/ml
3) T A~Naphthalene (C11.7)	5.796	2287509	19.721 ug/ml
4) T n-Dodecane (C12)	6.231	2195668	19.331 ug/ml
5) T A~2-methylnaphthalene...	6.847	2249302	19.720 ug/ml
6) T n-Tetradecane (C14)	8.018	2234295	19.538 ug/ml
7) T n-Hexadecane (C16)	9.611	2264626	19.345 ug/ml
8) T n-Octadecane (C18)	11.045	2327457	19.230 ug/ml
10) T n-Eicosane (C20)	12.349	2303853	19.242 ug/ml
11) T n-Heneicosane (C21)	12.958	2309157	19.260 ug/ml
13) T n-Docosane (C22)	13.542	2296297	19.296 ug/ml
14) T n-Tetracosane (C24)	14.639	2264555	19.273 ug/ml
15) T n-Hexacosane (C26)	15.654	2195572	19.388 ug/ml
16) T n-Octacosane (C28)	16.599	2108248	19.459 ug/ml
17) T n-Tricontane (C30)	17.482	1993240	19.520 ug/ml
18) T n-Dotriacontane (C32)	18.312	1815575	19.518 ug/ml
19) T n-Tetratriacontane (C34)	19.092	1653991	19.795 ug/ml
20) T n-Hexatriacontane (C36)	19.828	1478703	20.096 ug/ml
21) T n-Octatriacontane (C38)	20.530	1357853	21.609 ug/ml
22) T n-Tetracontane (C40)	21.342	1098485	24.478 ug/ml

(f)=RT Delta > 1/2 Window

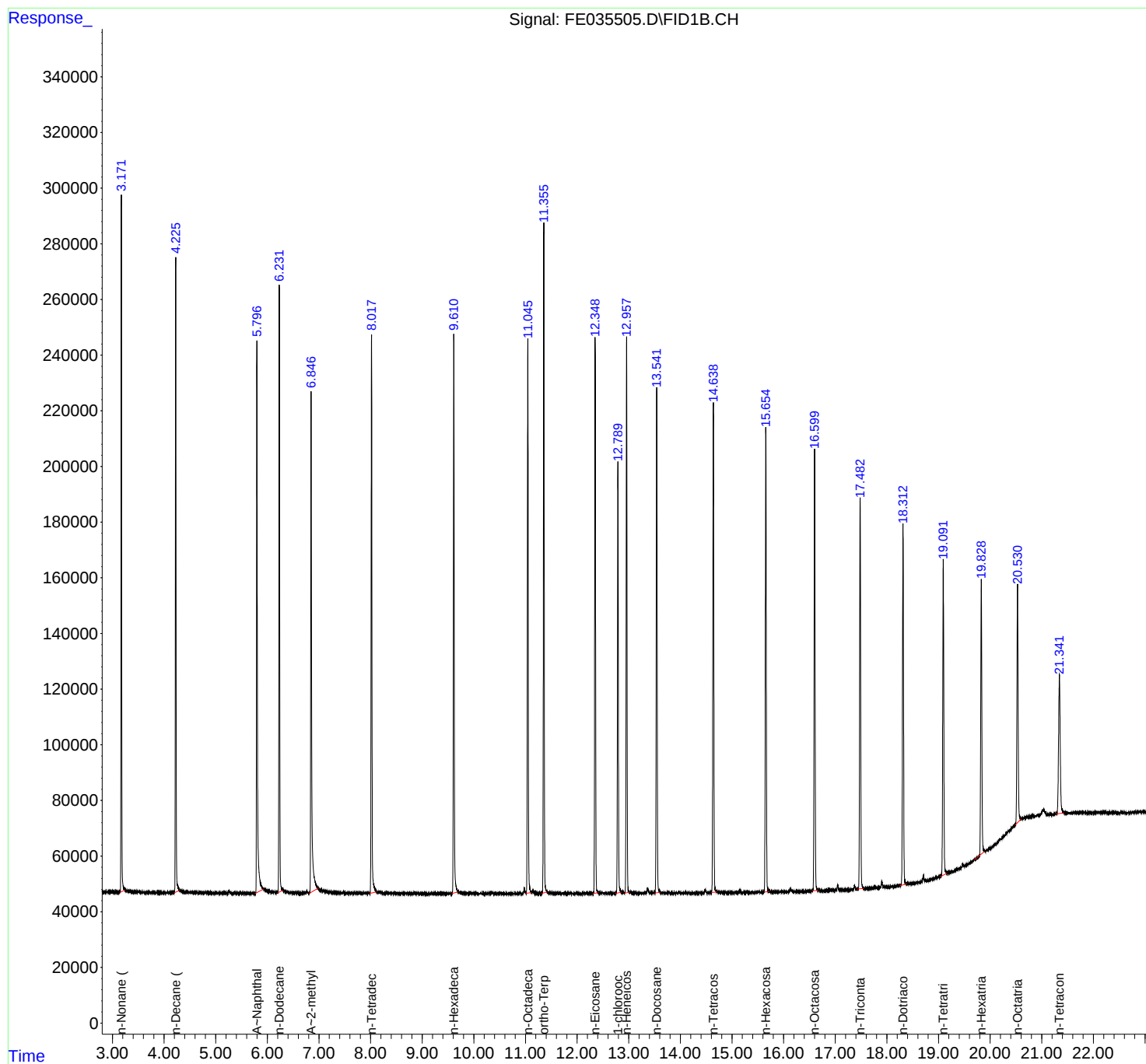
(m)=manual int.

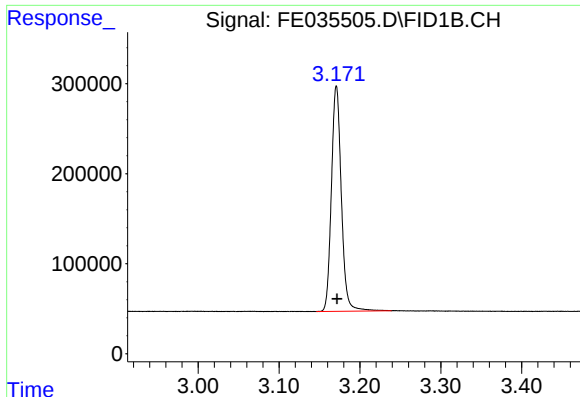
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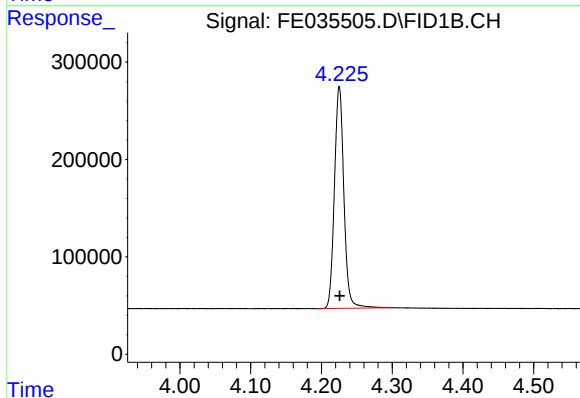




#1 n-Nonane (C9)

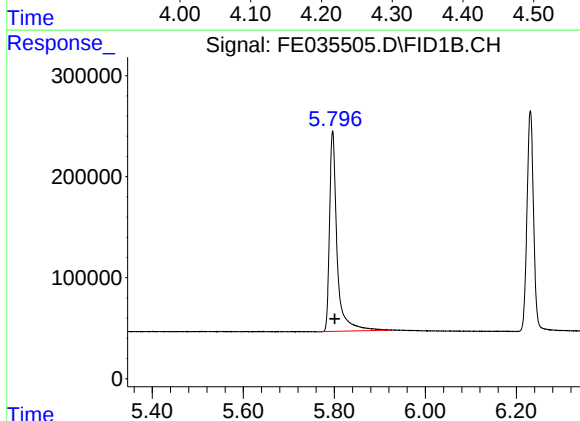
R.T.: 3.171 min
Delta R.T.: -0.001 min
Response: 2135826
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :



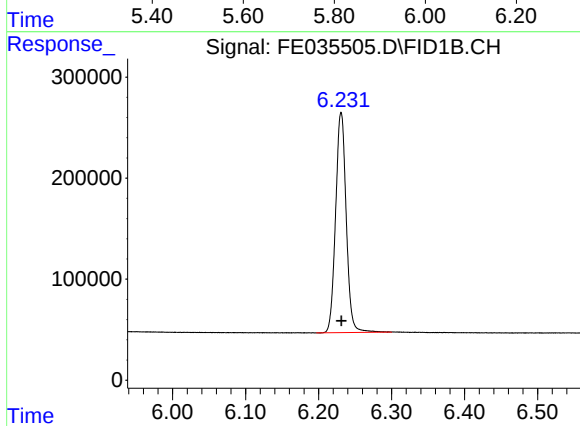
#2 n-Decane (C10)

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 2119538
Conc: 19.29 ug/ml



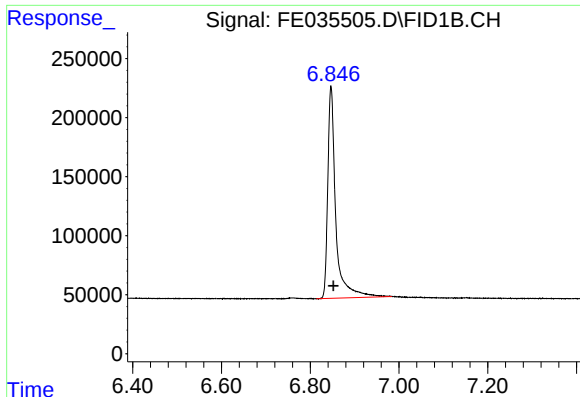
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 2287509
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

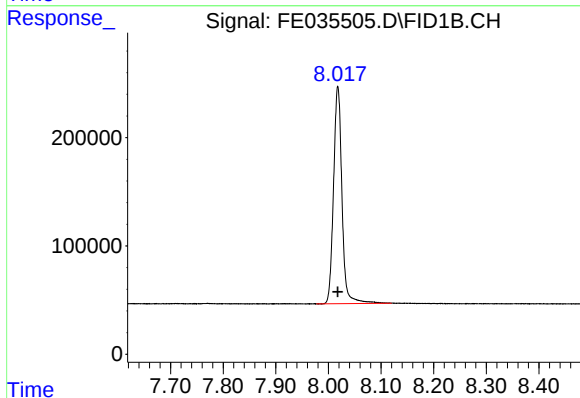
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 2195668
Conc: 19.33 ug/ml



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

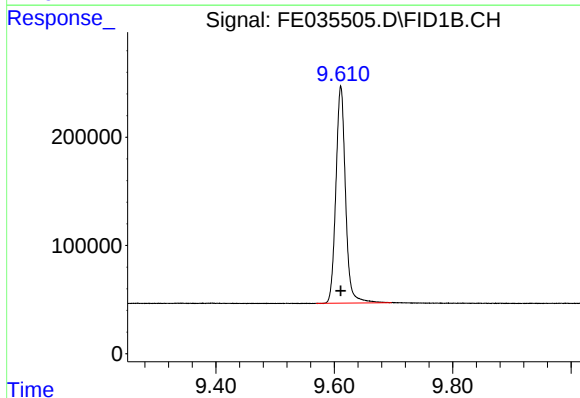
R.T.: 6.847 min
Delta R.T.: -0.005 min
Response: 2249302
Conc: 19.72 ug/ml

Instrument :
FID_E
ClientSampleId :



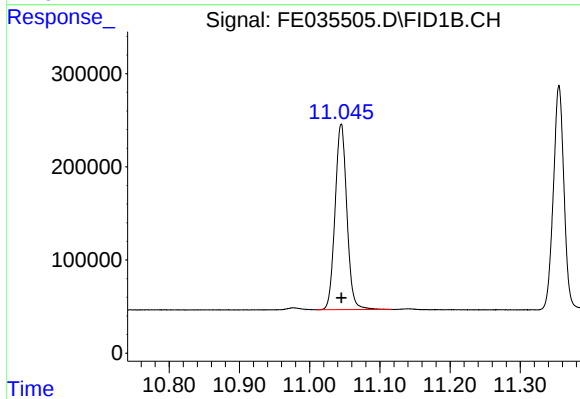
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 2234295
Conc: 19.54 ug/ml



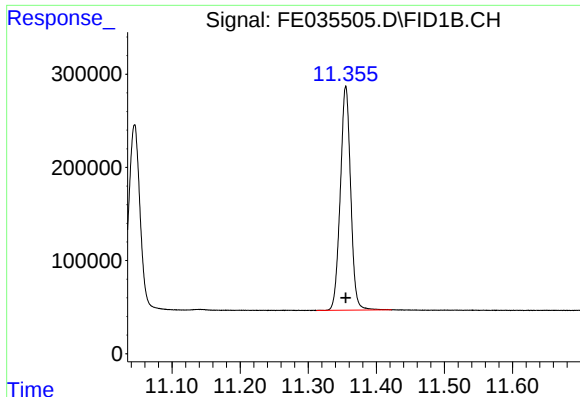
#7 n-Hexadecane (C16)

R.T.: 9.611 min
Delta R.T.: 0.000 min
Response: 2264626
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

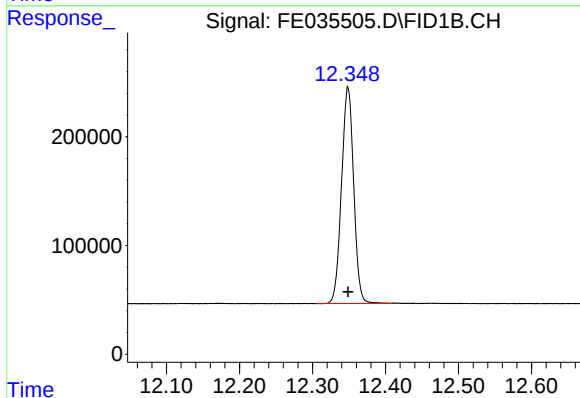
R.T.: 11.045 min
Delta R.T.: 0.000 min
Response: 2327457
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

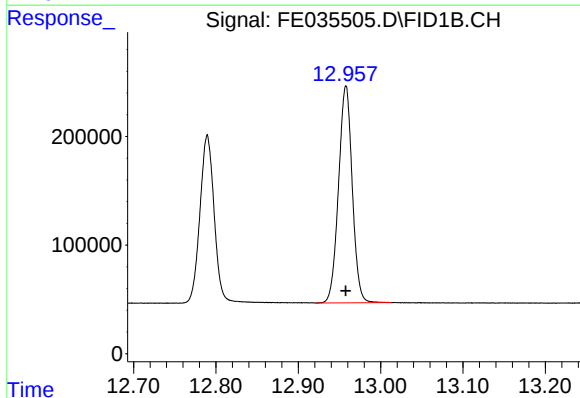
R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 2541099
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :



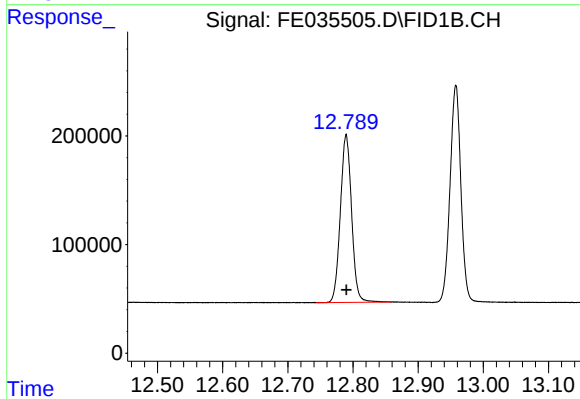
#10 n-Eicosane (C20)

R.T.: 12.349 min
Delta R.T.: 0.000 min
Response: 2303853
Conc: 19.24 ug/ml



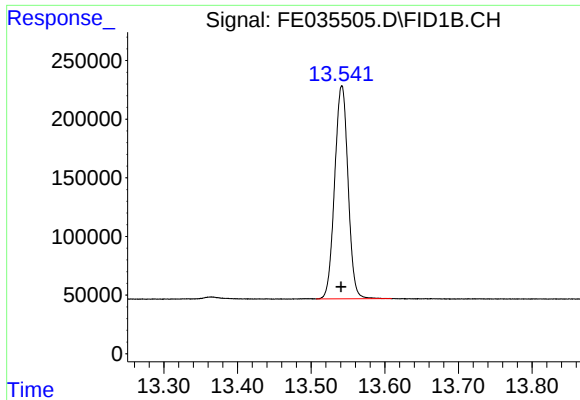
#11 n-Heneicosane (C21)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 2309157
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

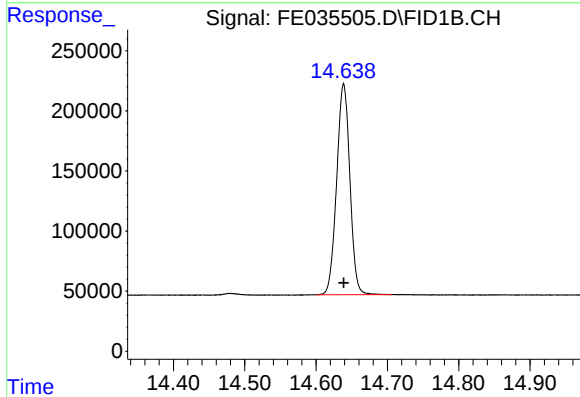
R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 1848329
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

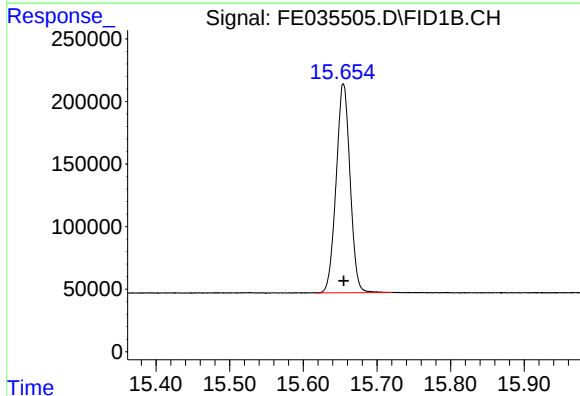
R.T.: 13.542 min
Delta R.T.: 0.000 min
Response: 2296297
Conc: 19.30 ug/ml

Instrument :
FID_E
ClientSampleId :



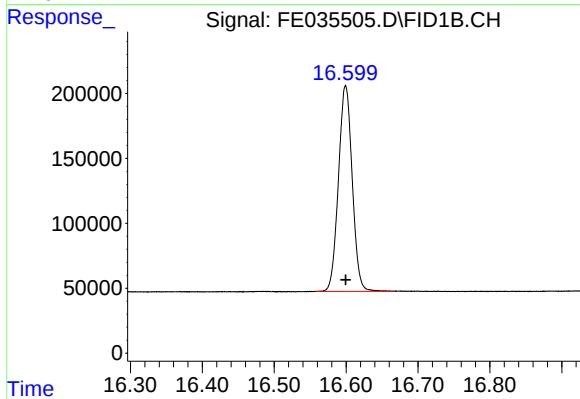
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: 0.000 min
Response: 2264555
Conc: 19.27 ug/ml



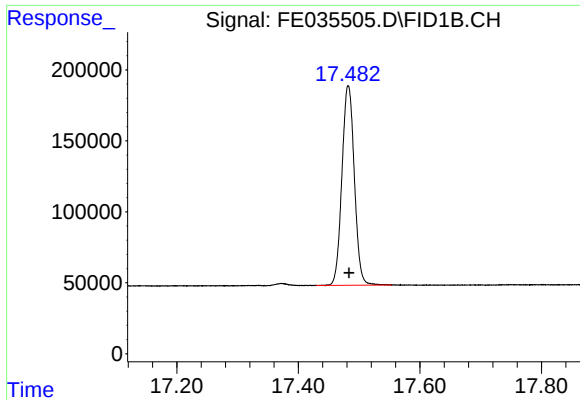
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: 0.000 min
Response: 2195572
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

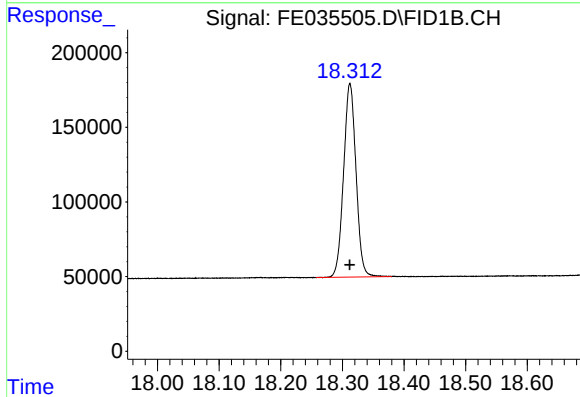
R.T.: 16.599 min
Delta R.T.: 0.000 min
Response: 2108248
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

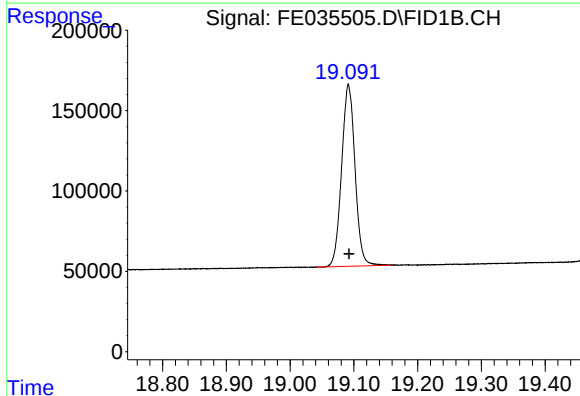
R.T.: 17.482 min
Delta R.T.: -0.002 min
Response: 1993240
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :



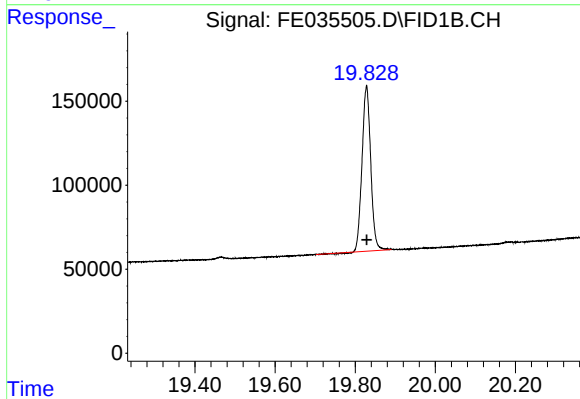
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: 0.000 min
Response: 1815575
Conc: 19.52 ug/ml



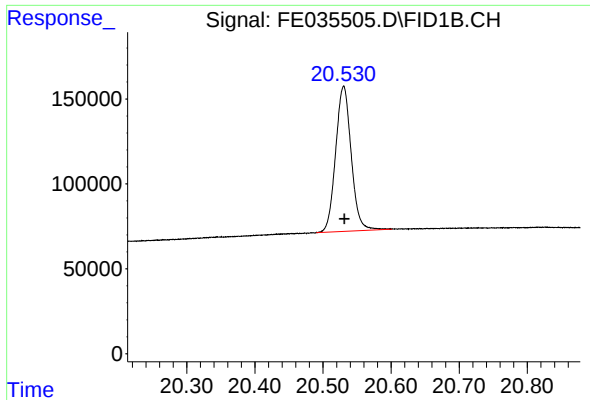
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: 0.000 min
Response: 1653991
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

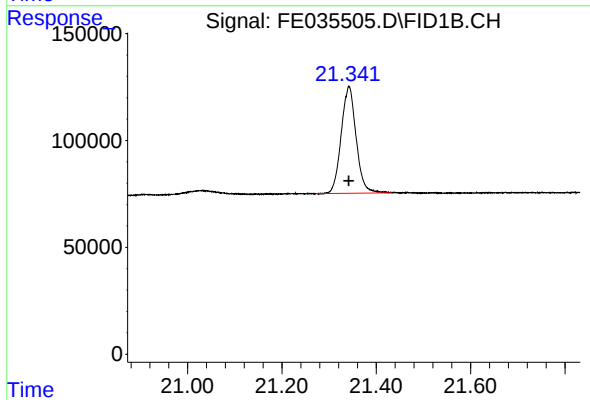
R.T.: 19.828 min
Delta R.T.: 0.000 min
Response: 1478703
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: 0.000 min
Response: 1357853
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: 0.000 min
Response: 1098485
Conc: 24.48 ug/ml