

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035605.D
 Signal(s) : FID1B.CH
 Acq On : 31 Mar 2022 15:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 17:44:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 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)	11.328	2290181	21.499 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
12) S 1-chlorooctadecane (S...	12.761	1619797	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
Target Compounds			
1) T n-Nonane (C9)	3.152	1947662	20.460 ug/ml
2) T n-Decane (C10)	4.203	1885817	20.283 ug/ml
3) T A~Naphthalene (C11.7)	5.775	1715451	18.061 ug/ml
4) T n-Dodecane (C12)	6.207	1953955	20.793 ug/ml
5) T A~2-methylnaphthalene...	6.826	1701841	17.777 ug/ml
6) T n-Tetradecane (C14)	7.992	1888481	20.423 ug/ml
7) T n-Hexadecane (C16)	9.584	1881856	20.180 ug/ml
8) T n-Octadecane (C18)	11.018	1923917	20.348 ug/ml
10) T n-Eicosane (C20)	12.320	1933831	20.294 ug/ml
11) T n-Heneicosane (C21)	12.928	2012469	20.911 ug/ml
13) T n-Docosane (C22)	13.511	2008902	20.926 ug/ml
14) T n-Tetracosane (C24)	14.608	1981174	20.908 ug/ml
15) T n-Hexacosane (C26)	15.624	1936218	20.762 ug/ml
16) T n-Octacosane (C28)	16.568	1881568	21.102 ug/ml
17) T n-Tricontane (C30)	17.449	1844083	21.433 ug/ml
18) T n-Dotriacontane (C32)	18.277	1732139	20.848 ug/ml
19) T n-Tetratriacontane (C34)	19.058	1518044	20.462 ug/ml
20) T n-Hexatriacontane (C36)	19.793	1427849	20.041 ug/ml
21) T n-Octatriacontane (C38)	20.492	1246270	18.750 ug/ml
22) T n-Tetracontane (C40)	21.288	1224023	17.411 ug/ml

(f)=RT Delta > 1/2 Window

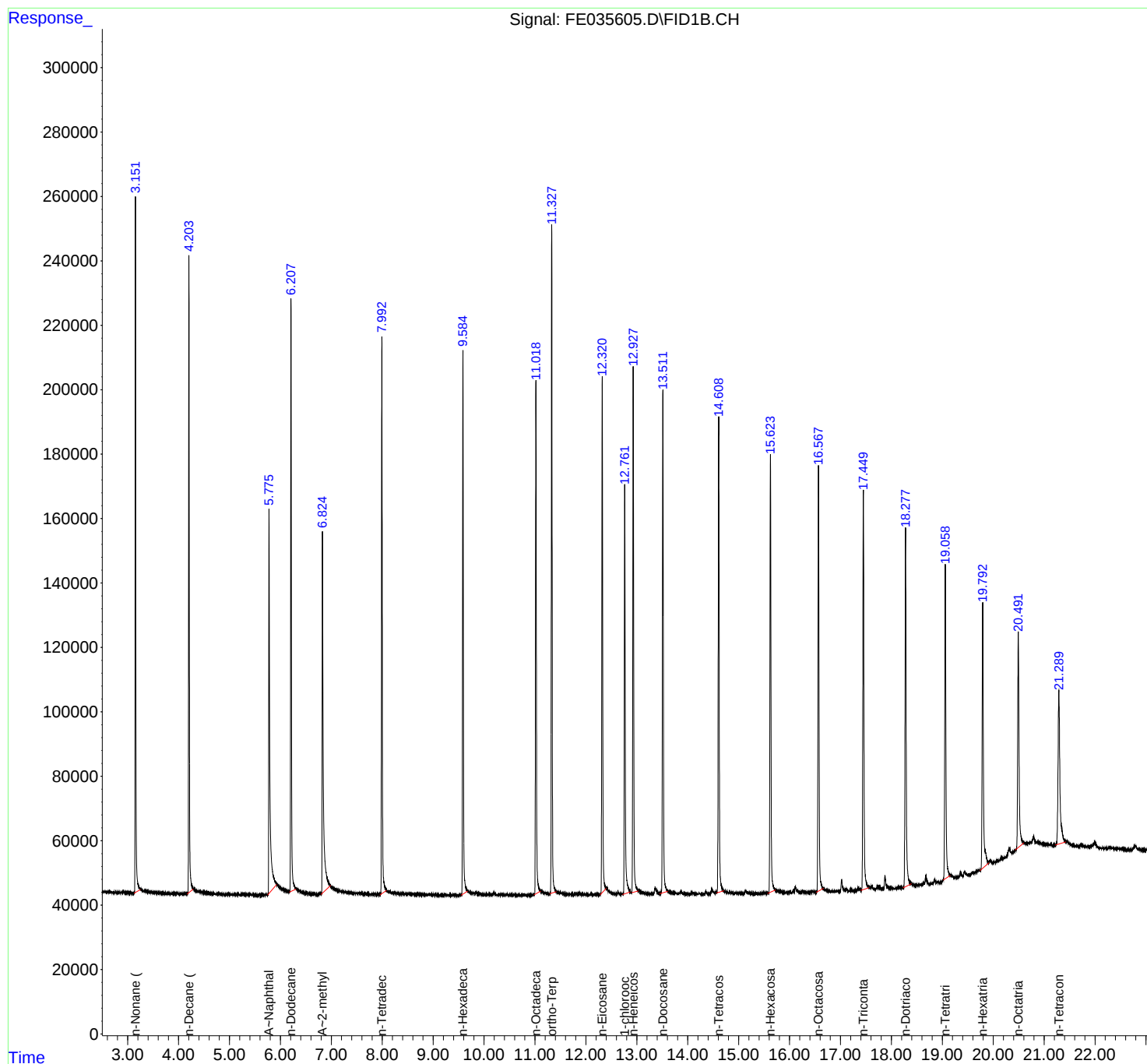
(m)=manual int.

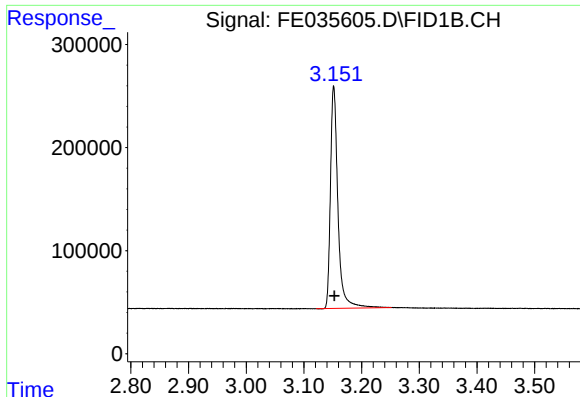
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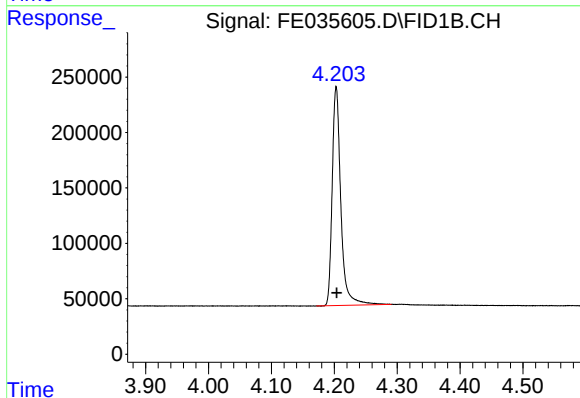




#1 n-Nonane (C9)

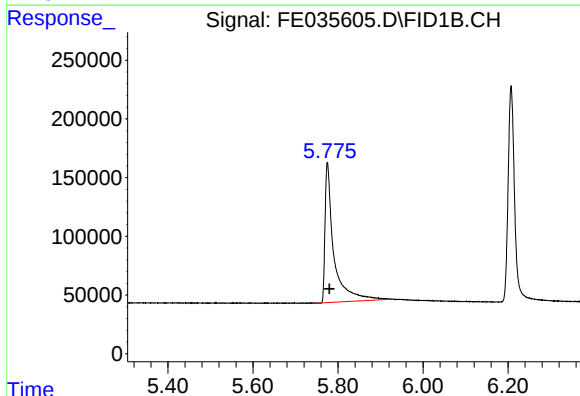
R.T.: 3.152 min
Delta R.T.: -0.001 min
Response: 1947662
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



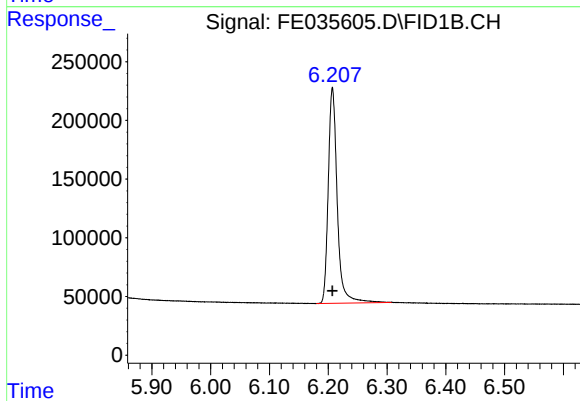
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 1885817
Conc: 20.28 ug/ml



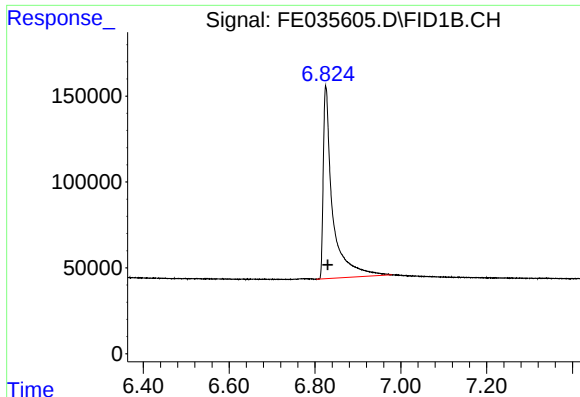
#3 A~Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: -0.004 min
Response: 1715451
Conc: 18.06 ug/ml



#4 n-Dodecane (C12)

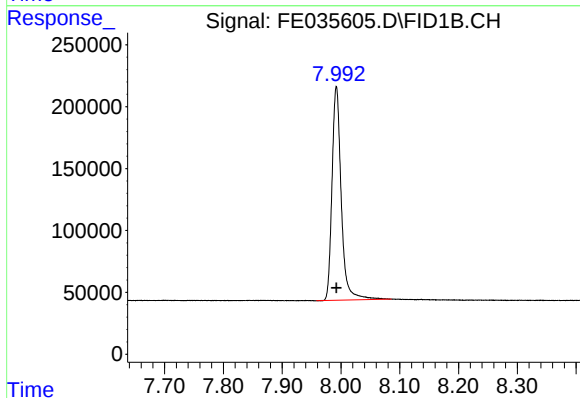
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 1953955
Conc: 20.79 ug/ml



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

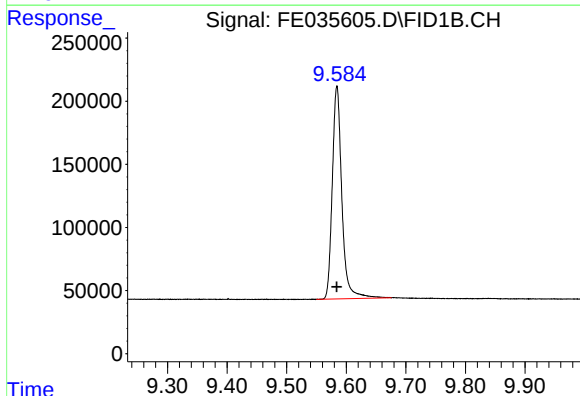
R.T.: 6.826 min
Delta R.T.: -0.004 min
Response: 1701841
Conc: 17.78 ug/ml

Instrument :
FID_E
ClientSampleId :



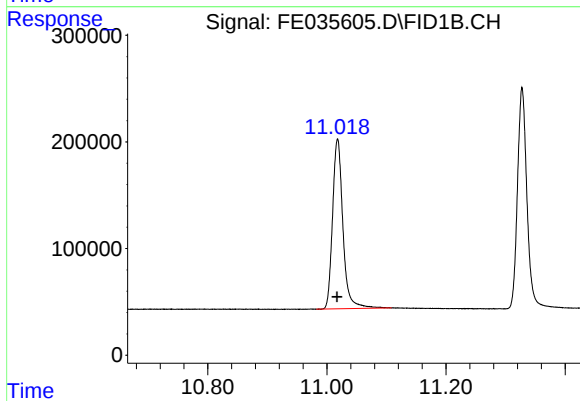
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1888481
Conc: 20.42 ug/ml



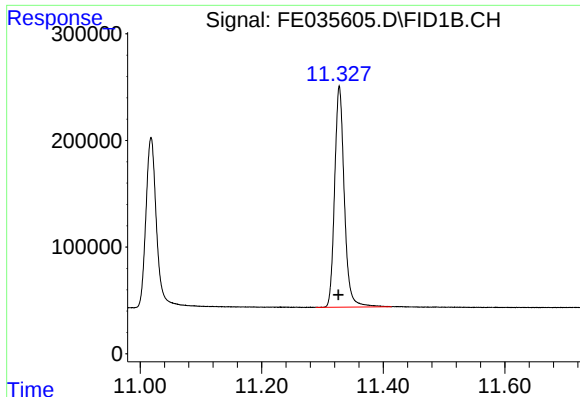
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: 0.000 min
Response: 1881856
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

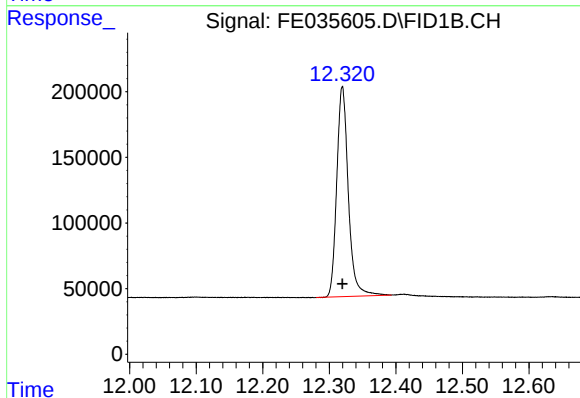
R.T.: 11.018 min
Delta R.T.: 0.000 min
Response: 1923917
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

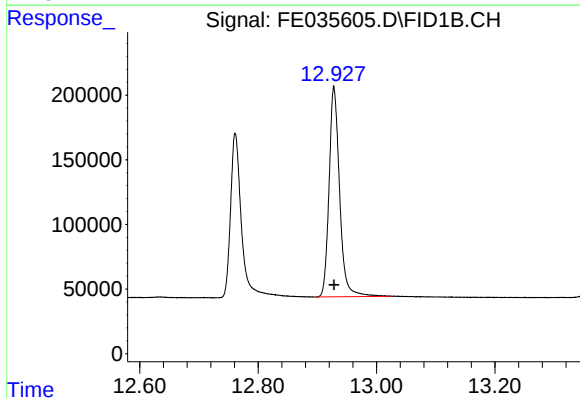
R.T.: 11.328 min
Delta R.T.: 0.002 min
Response: 2290181
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :



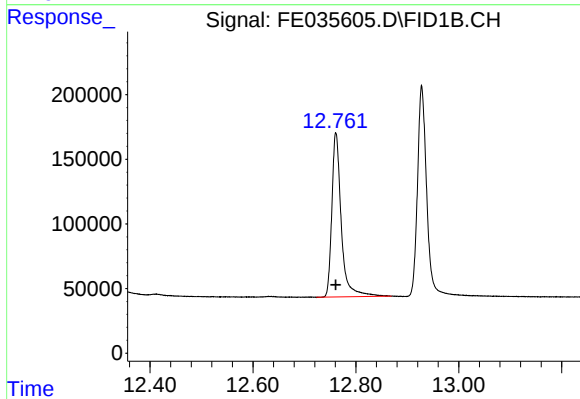
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 1933831
Conc: 20.29 ug/ml



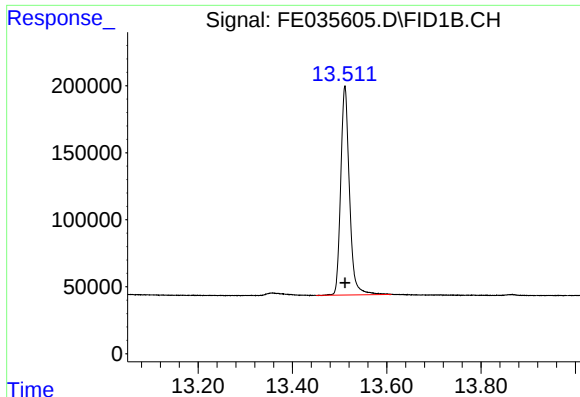
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 2012469
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

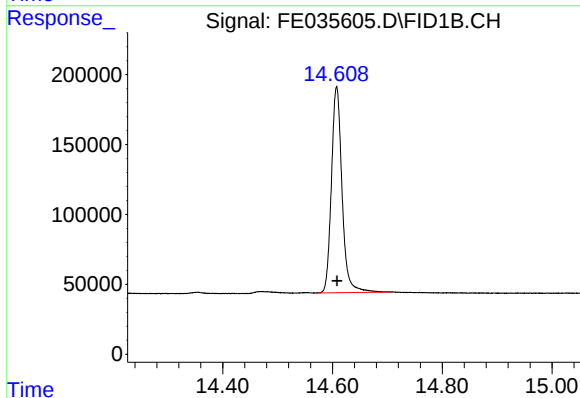
R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 1619797
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

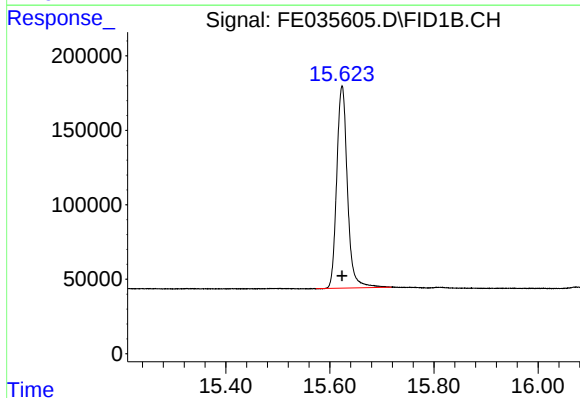
R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 2008902
Conc: 20.93 ug/ml

Instrument :
FID_E
ClientSampleId :



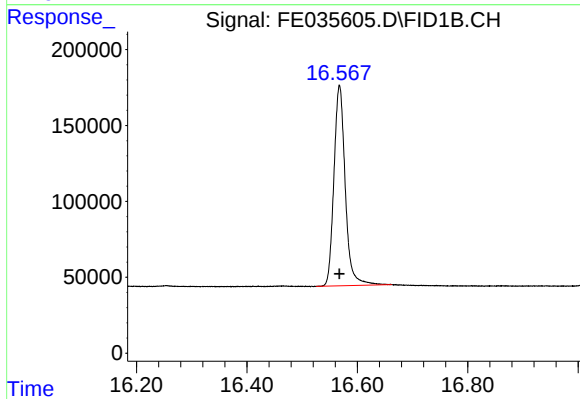
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 1981174
Conc: 20.91 ug/ml



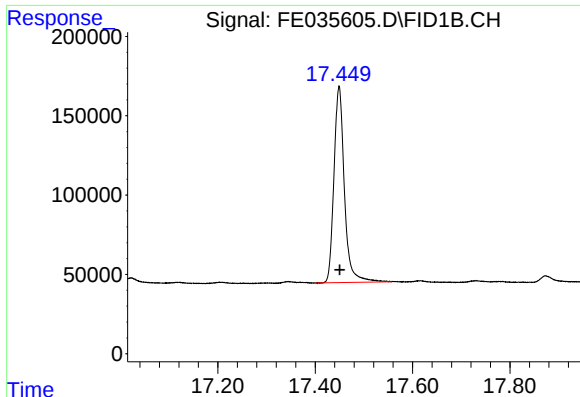
#15 n-Hexacosane (C26)

R.T.: 15.624 min
Delta R.T.: 0.000 min
Response: 1936218
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

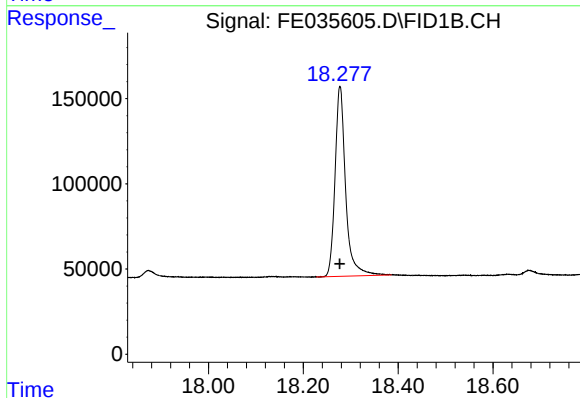
R.T.: 16.568 min
Delta R.T.: 0.000 min
Response: 1881568
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

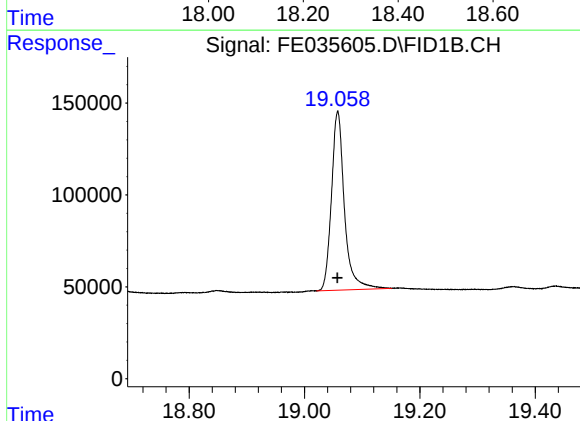
R.T.: 17.449 min
Delta R.T.: -0.001 min
Response: 1844083
Conc: 21.43 ug/ml

Instrument :
FID_E
ClientSampleId :



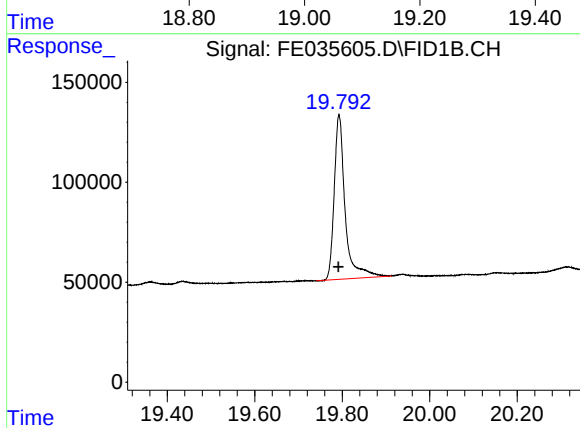
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 1732139
Conc: 20.85 ug/ml



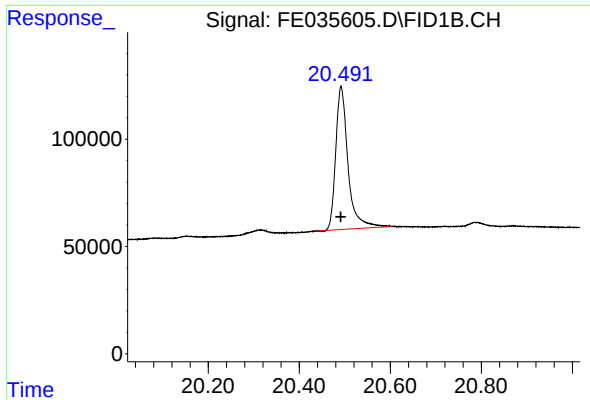
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min
Delta R.T.: 0.000 min
Response: 1518044
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

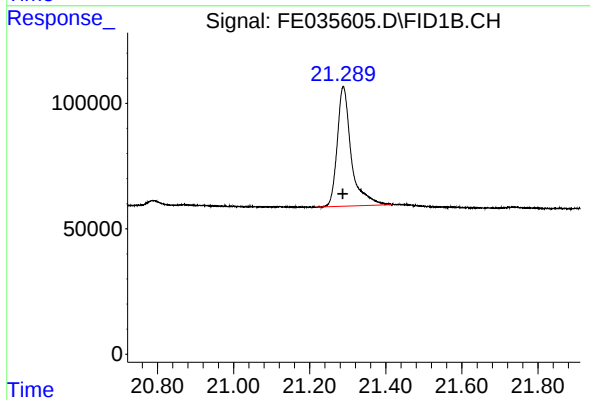
R.T.: 19.793 min
Delta R.T.: 0.002 min
Response: 1427849
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.492 min
Delta R.T.: 0.000 min
Response: 1246270
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.288 min
Delta R.T.: 0.002 min
Response: 1224023
Conc: 17.41 ug/ml