

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030822AL\
 Data File : FE035250.D
 Signal(s) : FID1B.CH
 Acq On : 08 Mar 2022 13:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 09 00:03:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.366	2798455	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	12.800	2056468	18.985 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T n-Nonane (C9)	3.184	2451720	21.352 ug/ml
2) T n-Decane (C10)	4.239	2443989	21.452 ug/ml
3) T A~Naphthalene (C11.7)	5.805	2725172	21.456 ug/ml
4) T n-Dodecane (C12)	6.245	2525233	21.478 ug/ml
5) T A~2-methylnaphthalene...	6.854	2739846	21.449 ug/ml
6) T n-Tetradecane (C14)	8.030	2559939	21.451 ug/ml
7) T n-Hexadecane (C16)	9.623	2571027	21.102 ug/ml
8) T n-Octadecane (C18)	11.057	2582094	20.598 ug/ml
10) T n-Eicosane (C20)	12.360	2523765	19.959 ug/ml
11) T n-Heneicosane (C21)	12.970	2501751	19.645 ug/ml
13) T n-Docosane (C22)	13.553	2471780	19.466 ug/ml
14) T n-Tetracosane (C24)	14.649	2371436	18.724 ug/ml
15) T n-Hexacosane (C26)	15.666	2262642	18.248 ug/ml
16) T n-Octacosane (C28)	16.611	2134835	17.811 ug/ml
17) T n-Tricontane (C30)	17.494	2000582	17.663 ug/ml
18) T n-Dotriacontane (C32)	18.322	1808010	17.755 ug/ml
19) T n-Tetratriacontane (C34)	19.102	1604934	17.987 ug/ml
20) T n-Hexatriacontane (C36)	19.835	1475396	19.435 ug/mlm
21) T n-Octatriacontane (C38)	20.536	1376851	20.851 ug/mlm
22) T n-Tetracontane (C40)	21.351	1406328	22.992 ug/ml

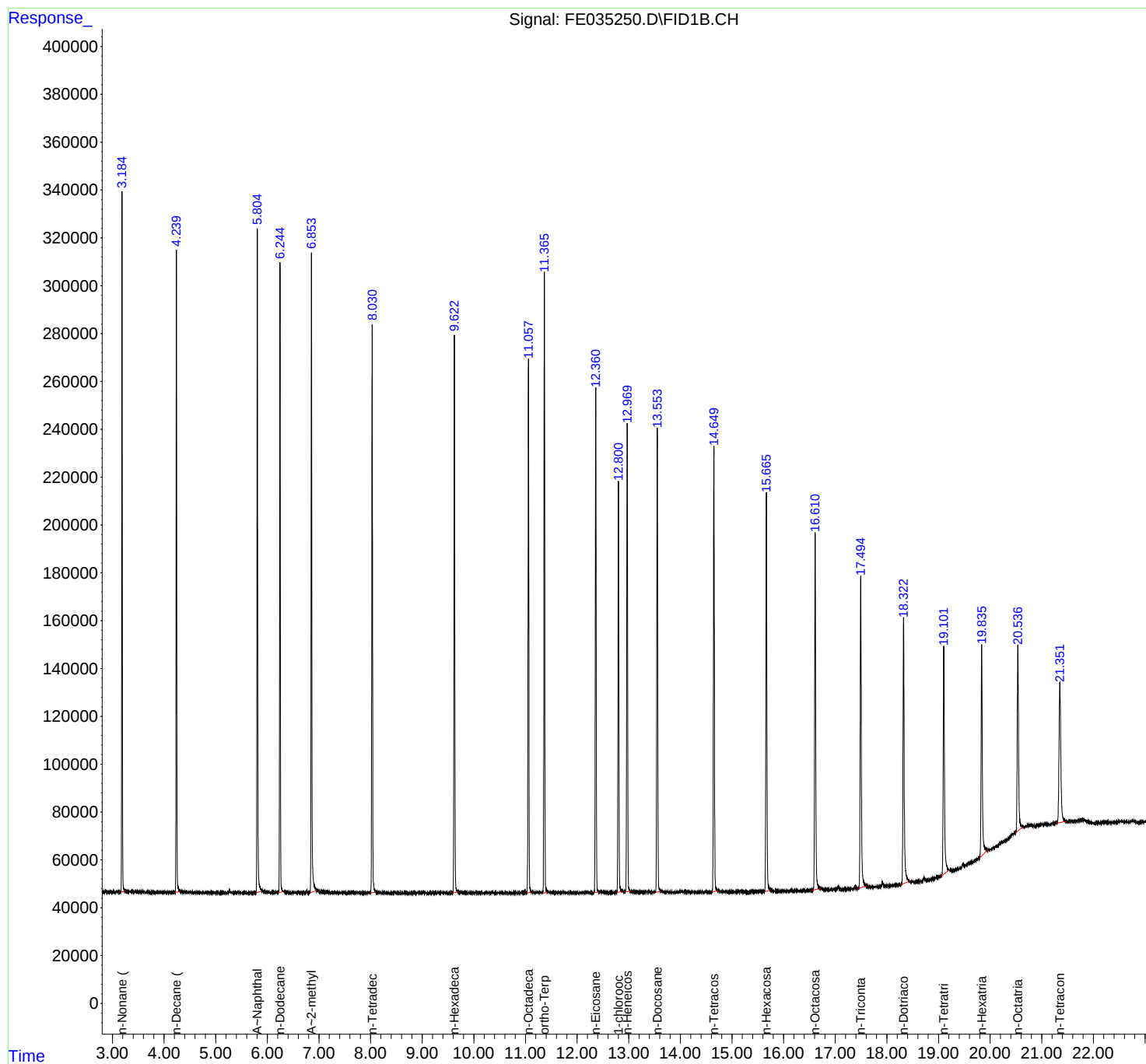
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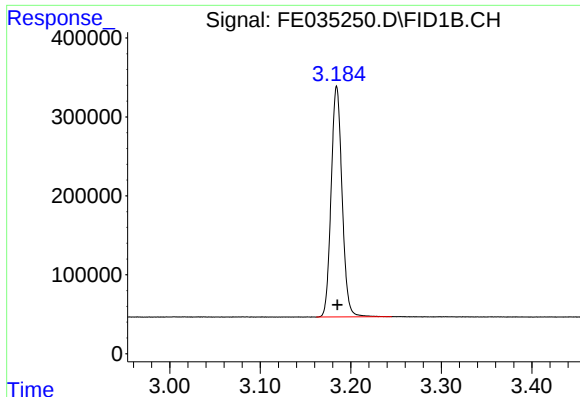
(m)=manual int.

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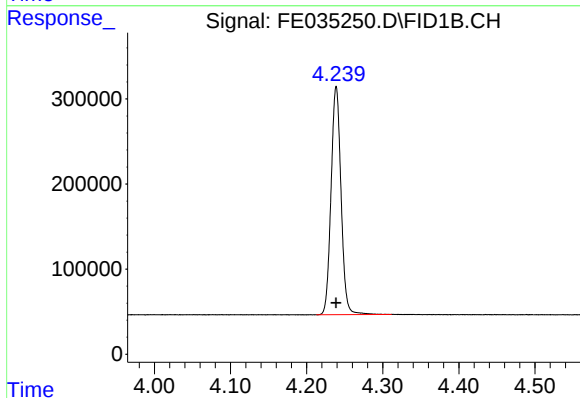
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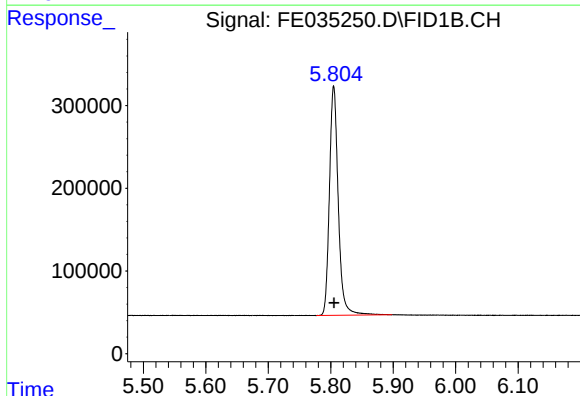
#1 n-Nonane (C9)

R.T.: 3.184 min
Delta R.T.: 0.000 min
Response: 2451720
Conc: 21.35 ug/ml



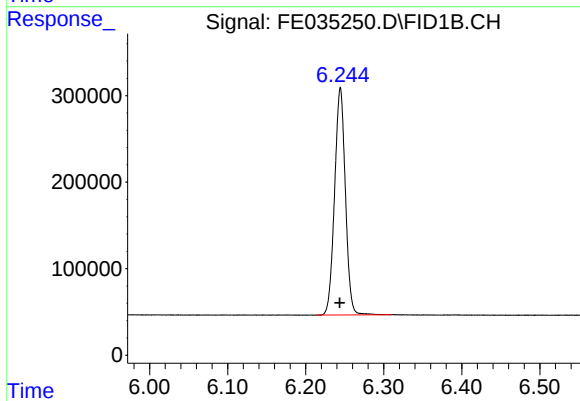
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 2443989
Conc: 21.45 ug/ml



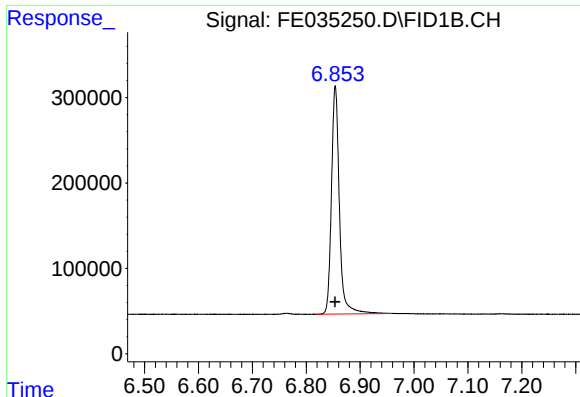
#3 A~Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 2725172
Conc: 21.46 ug/ml



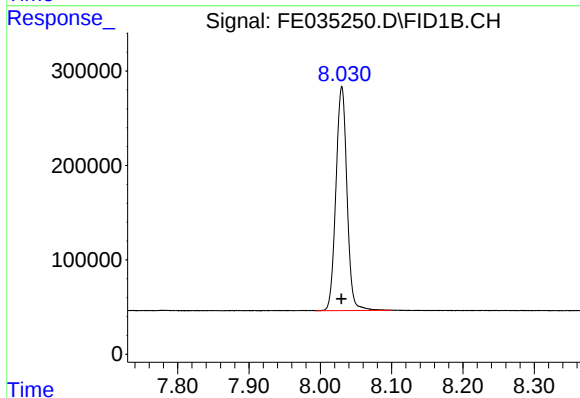
#4 n-Dodecane (C12)

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 2525233
Conc: 21.48 ug/ml



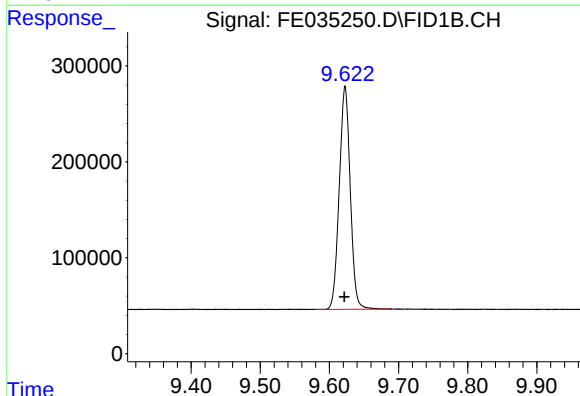
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 2739846
Conc: 21.45 ug/ml



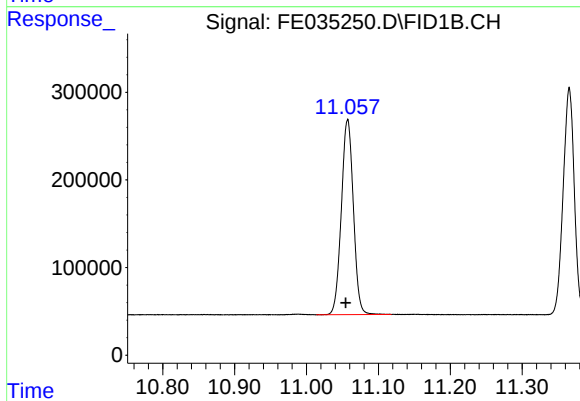
#6 n-Tetradecane (C14)

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 2559939
Conc: 21.45 ug/ml



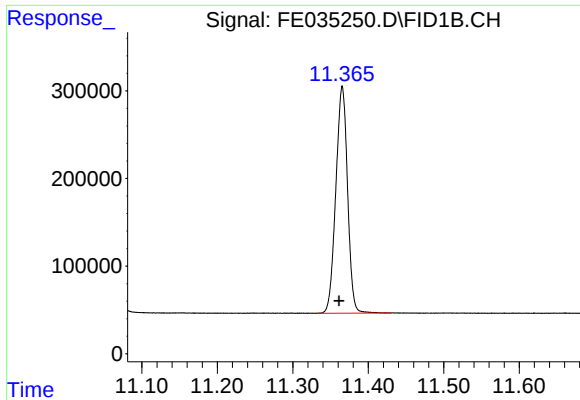
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: 0.001 min
Response: 2571027
Conc: 21.10 ug/ml



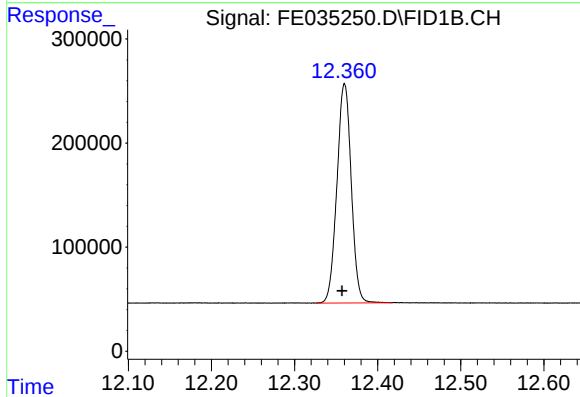
#8 n-Octadecane (C18)

R.T.: 11.057 min
Delta R.T.: 0.003 min
Response: 2582094
Conc: 20.60 ug/ml



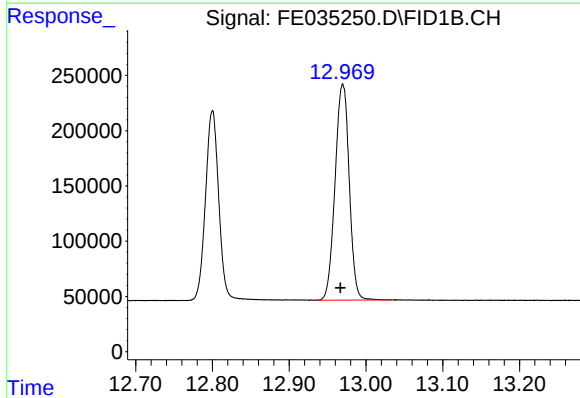
#9 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: 0.004 min
Response: 2798455
Conc: 20.21 ug/ml



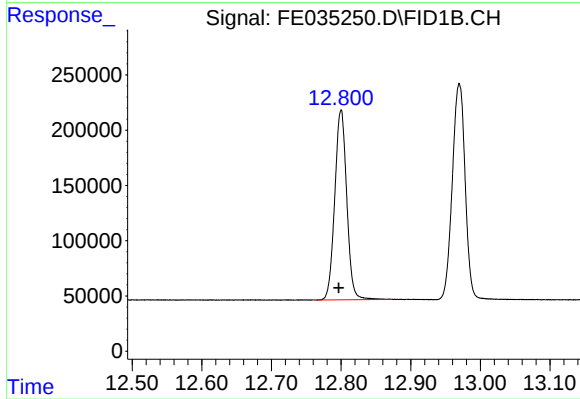
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: 0.003 min
Response: 2523765
Conc: 19.96 ug/ml



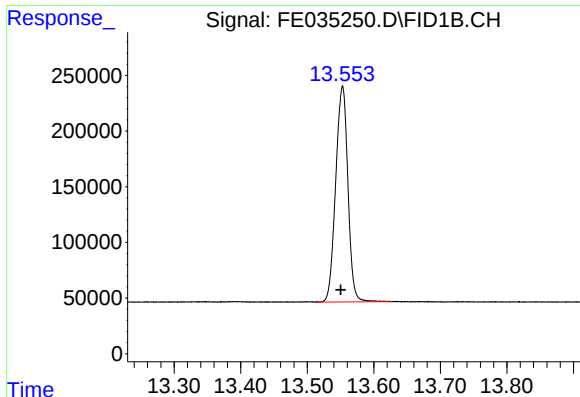
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2501751
Conc: 19.64 ug/ml



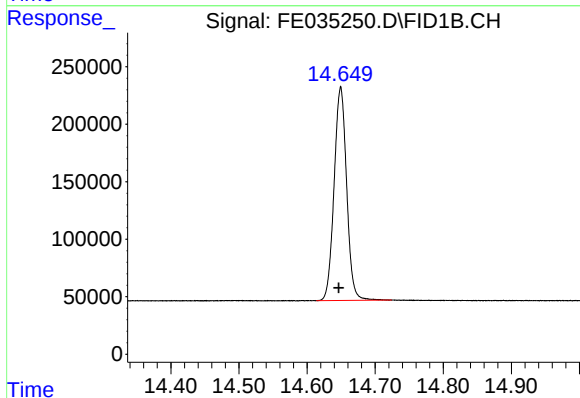
#12 1-chlorooctadecane (SURR)

R.T.: 12.800 min
Delta R.T.: 0.003 min
Response: 2056468
Conc: 18.99 ug/ml



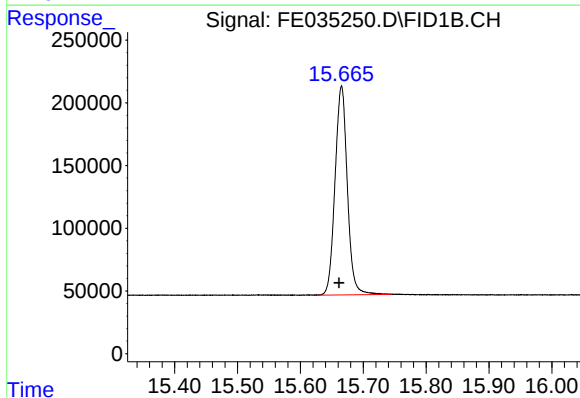
#13 n-Docosane (C22)

R.T.: 13.553 min
Delta R.T.: 0.003 min
Response: 2471780
Conc: 19.47 ug/ml



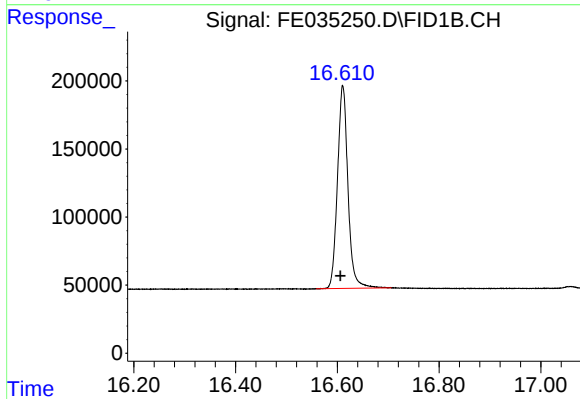
#14 n-Tetracosane (C24)

R.T.: 14.649 min
Delta R.T.: 0.003 min
Response: 2371436
Conc: 18.72 ug/ml



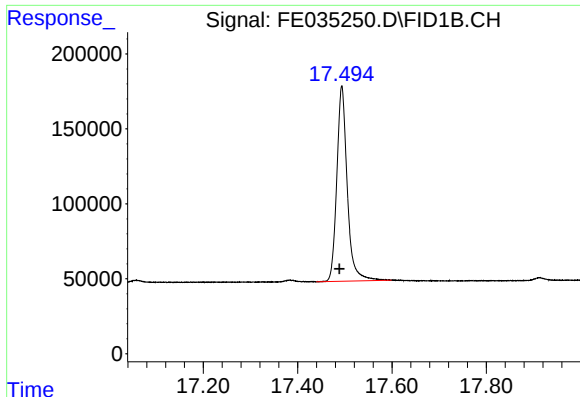
#15 n-Hexacosane (C26)

R.T.: 15.666 min
Delta R.T.: 0.004 min
Response: 2262642
Conc: 18.25 ug/ml



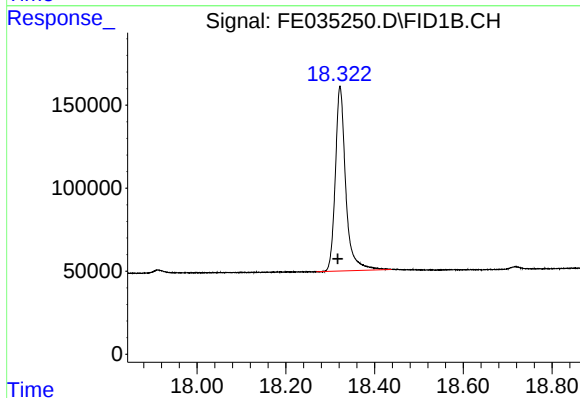
#16 n-Octacosane (C28)

R.T.: 16.611 min
Delta R.T.: 0.005 min
Response: 2134835
Conc: 17.81 ug/ml



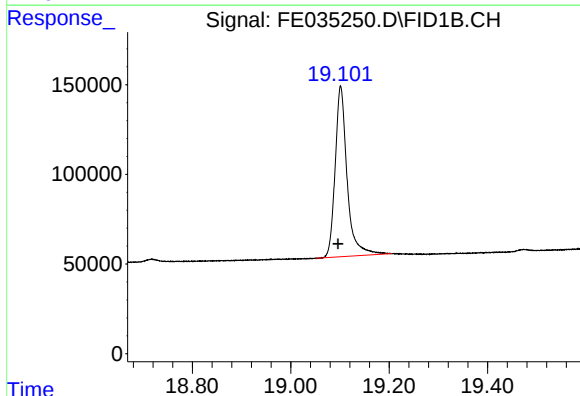
#17 n-Tricontane (C30)

R.T.: 17.494 min
Delta R.T.: 0.005 min
Response: 2000582
Conc: 17.66 ug/ml



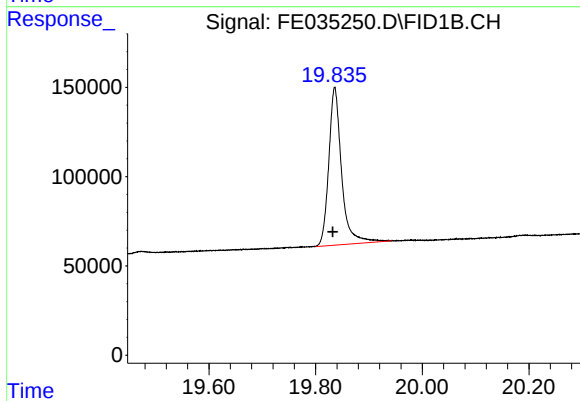
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.005 min
Response: 1808010
Conc: 17.76 ug/ml



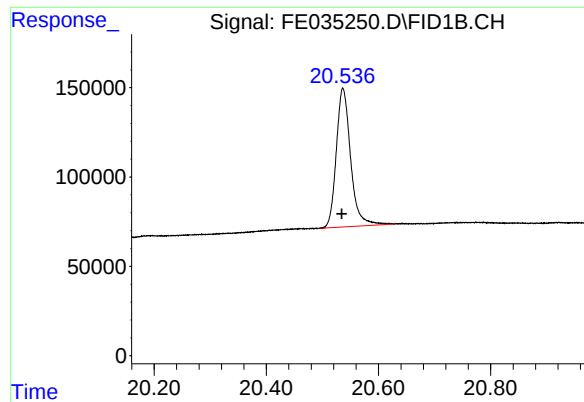
#19 n-Tetratriacontane (C34)

R.T.: 19.102 min
Delta R.T.: 0.005 min
Response: 1604934
Conc: 17.99 ug/ml



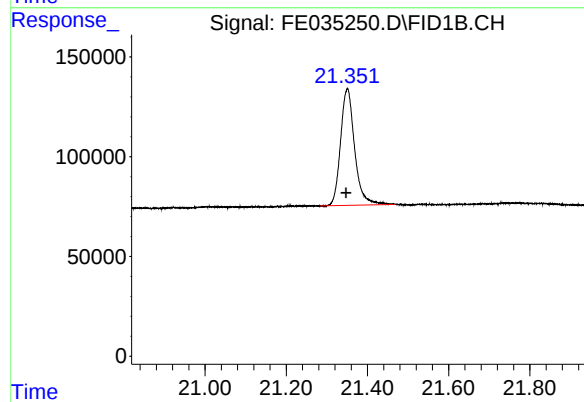
#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.003 min
Response: 1475396
Conc: 19.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.536 min
Delta R.T.: 0.001 min
Response: 1376851
Conc: 20.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.351 min
Delta R.T.: 0.003 min
Response: 1406328
Conc: 22.99 ug/ml