

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022822AL\
 Data File : FE035180.D
 Signal(s) : FID1B.CH
 Acq On : 28 Feb 2022 19:41
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:40:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 01:39:13 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)	11.362	751196	5.650 ug/ml
Spiked Amount 50.000		Recovery =	11.30%
12) S 1-chlorooctadecane (S...	12.797	572254	5.469 ug/ml
Spiked Amount 50.000		Recovery =	10.94%
Target Compounds			
1) T n-Nonane (C9)	3.185	616283	5.597 ug/ml
2) T n-Decane (C10)	4.239	607822	5.547 ug/ml
3) T A~Naphthalene (C11.7)	5.806	662741	5.403 ug/ml
4) T n-Dodecane (C12)	6.244	627354	5.546 ug/ml
5) T A~2-methylnaphthalene...	6.854	648442	5.222 ug/ml
6) T n-Tetradecane (C14)	8.030	635520	5.521 ug/ml
7) T n-Hexadecane (C16)	9.621	652116	5.588 ug/ml
8) T n-Octadecane (C18)	11.055	672244	5.577 ug/ml
10) T n-Eicosane (C20)	12.357	681714	5.601 ug/ml
11) T n-Heneicosane (C21)	12.967	688560	5.614 ug/ml
13) T n-Docosane (C22)	13.550	679300	5.544 ug/ml
14) T n-Tetracosane (C24)	14.647	680769	5.562 ug/ml
15) T n-Hexacosane (C26)	15.662	669108	5.573 ug/ml
16) T n-Octacosane (C28)	16.606	647171	5.586 ug/ml
17) T n-Tricontane (C30)	17.488	611675	5.579 ug/ml
18) T n-Dotriacontane (C32)	18.317	548487	5.596 ug/ml
19) T n-Tetratriacontane (C34)	19.096	472278	5.487 ug/ml
20) T n-Hexatriacontane (C36)	19.832	388538	5.304 ug/ml
21) T n-Octatriacontane (C38)	20.535	335405	5.329 ug/ml
22) T n-Tetracontane (C40)	21.348	325102	5.641 ug/mlm

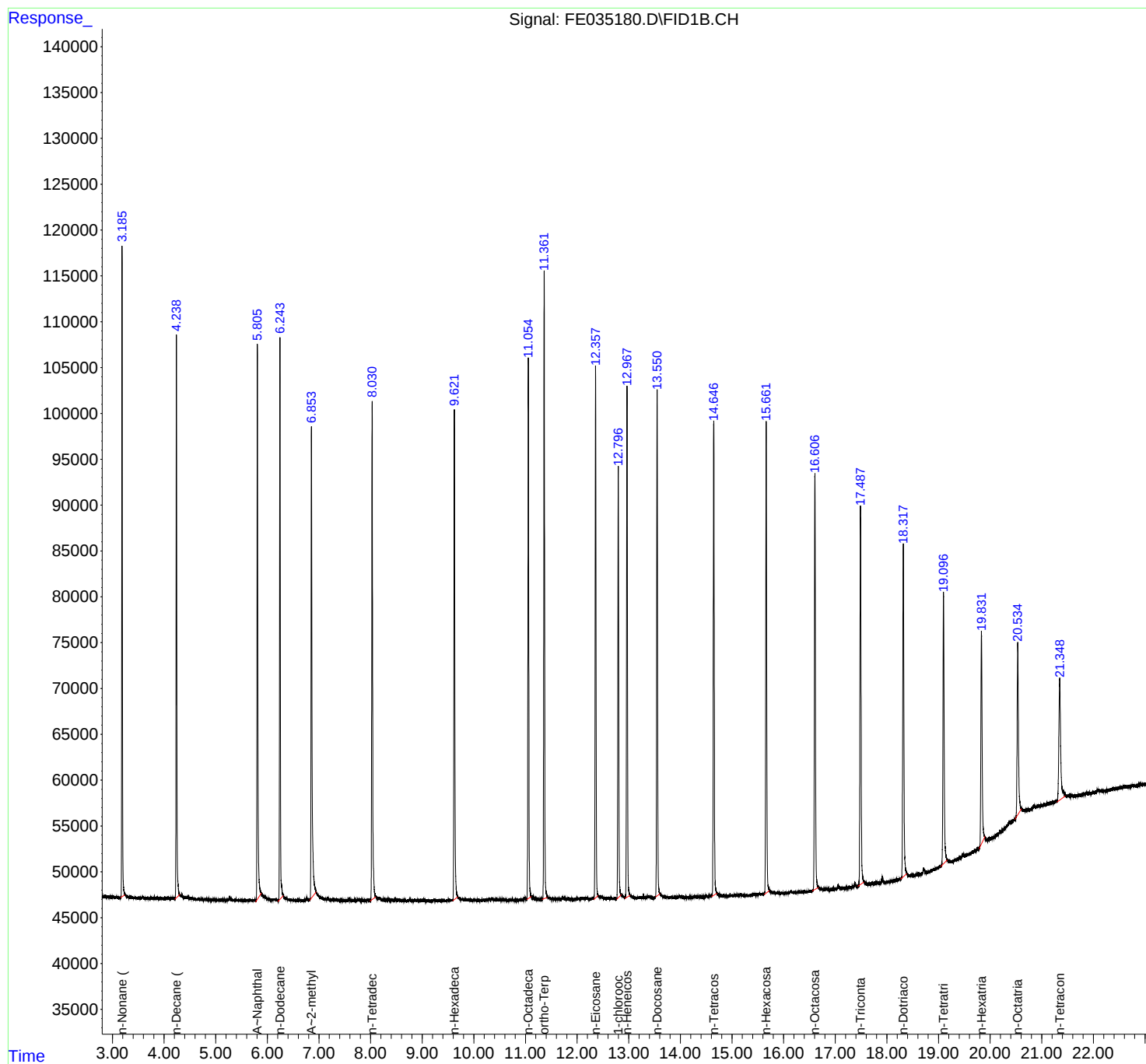
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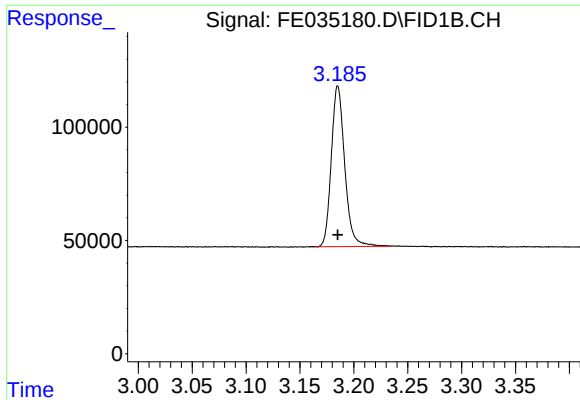
(m)=manual int.

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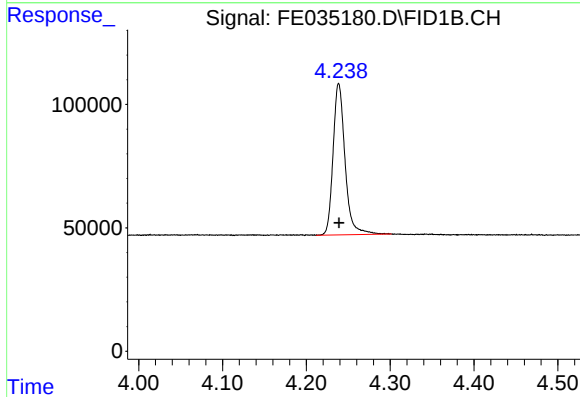
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





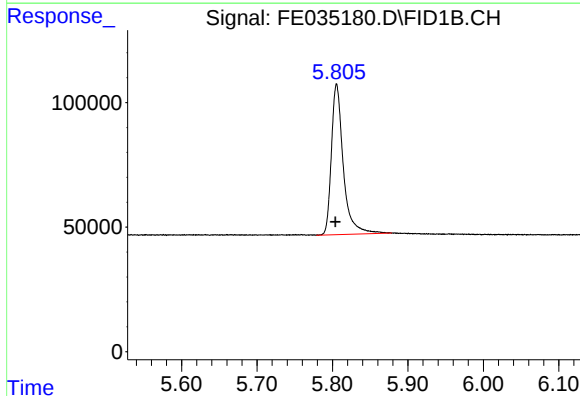
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: 0.000 min
Response: 616283
Conc: 5.60 ug/ml



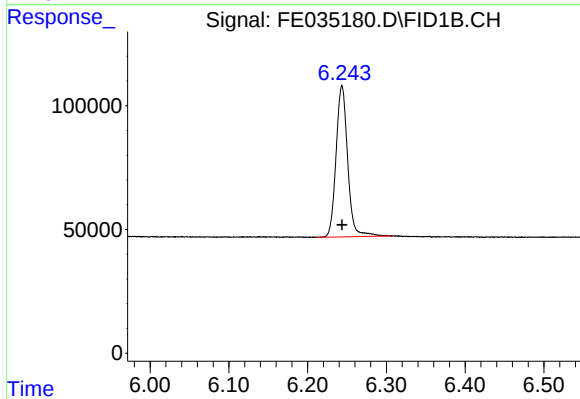
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 607822
Conc: 5.55 ug/ml



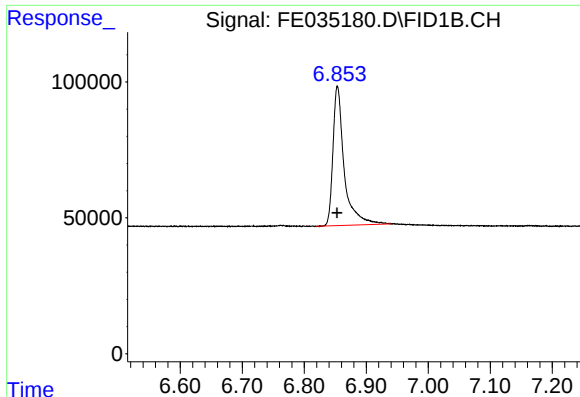
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.002 min
Response: 662741
Conc: 5.40 ug/ml



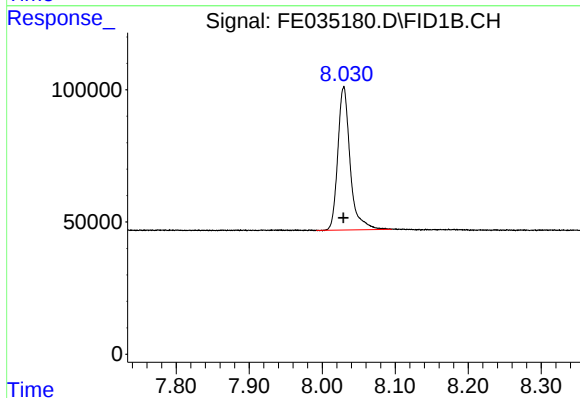
#4 n-Dodecane (C12)

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 627354
Conc: 5.55 ug/ml



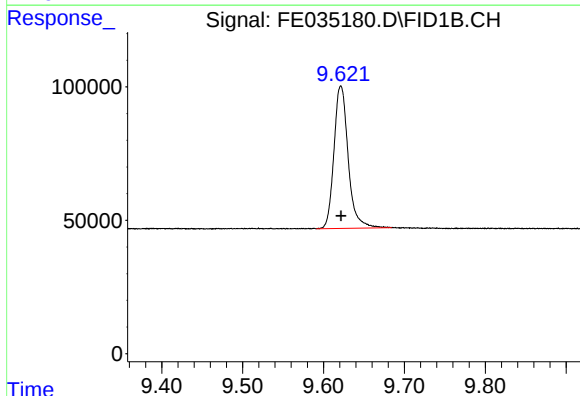
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 648442
Conc: 5.22 ug/ml



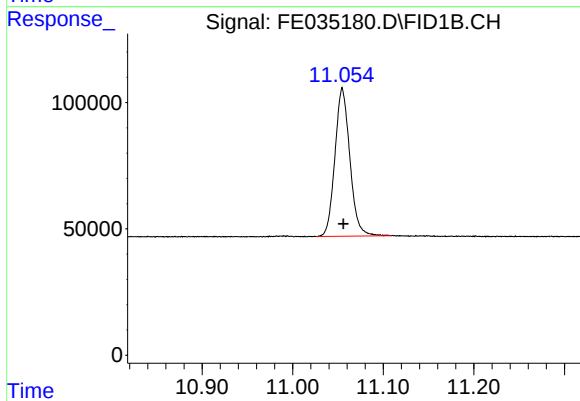
#6 n-Tetradecane (C14)

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 635520
Conc: 5.52 ug/ml



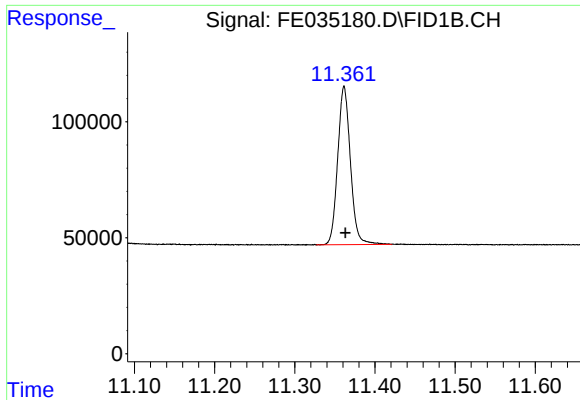
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 652116
Conc: 5.59 ug/ml



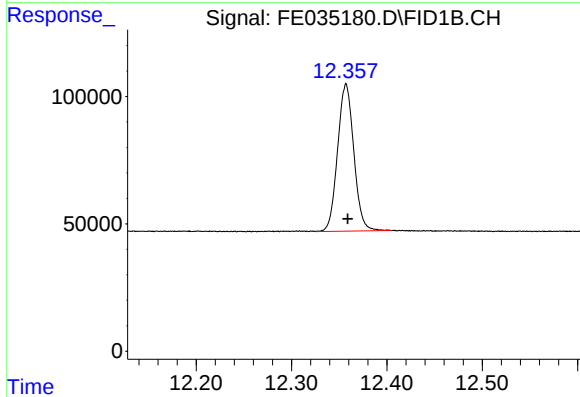
#8 n-Octadecane (C18)

R.T.: 11.055 min
Delta R.T.: -0.001 min
Response: 672244
Conc: 5.58 ug/ml



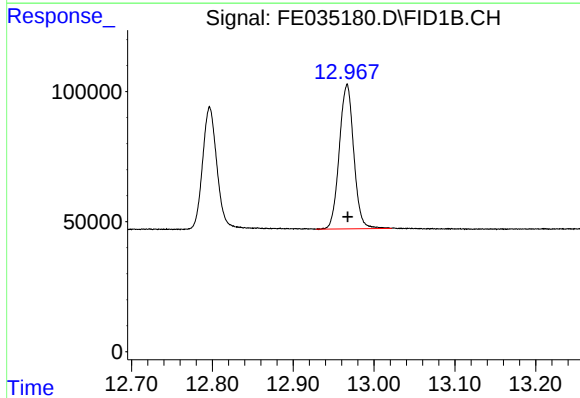
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.002 min
Response: 751196
Conc: 5.65 ug/ml



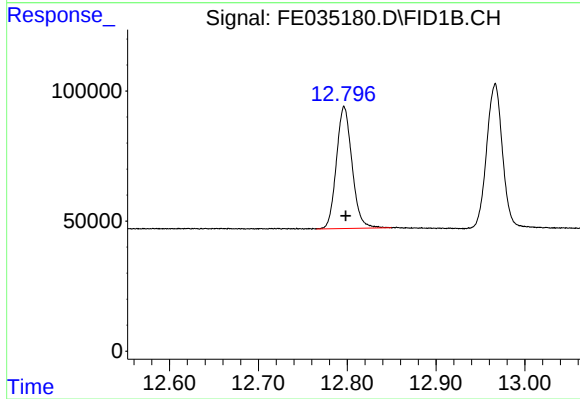
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: -0.002 min
Response: 681714
Conc: 5.60 ug/ml



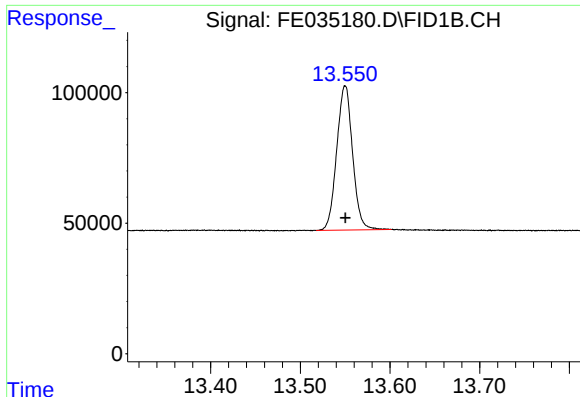
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 688560
Conc: 5.61 ug/ml



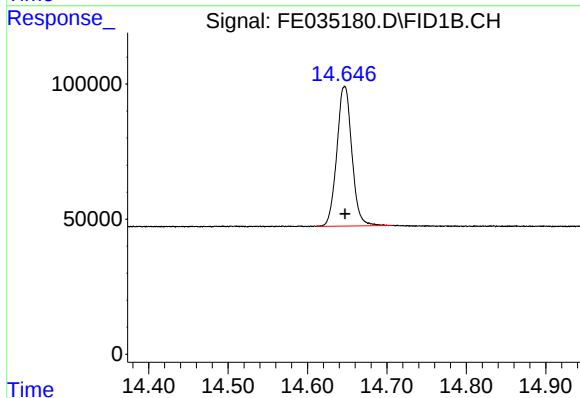
#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: -0.002 min
Response: 572254
Conc: 5.47 ug/ml



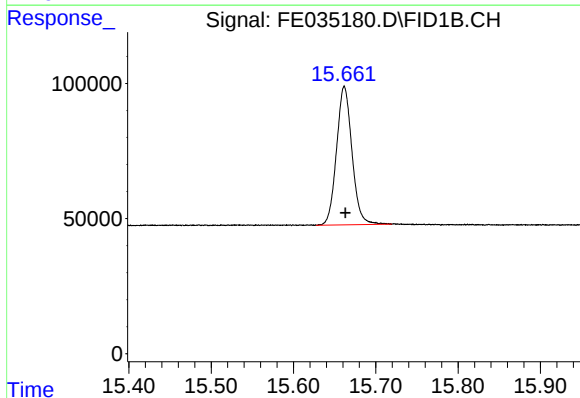
#13 n-Docosane (C22)

R.T.: 13.550 min
Delta R.T.: 0.000 min
Response: 679300
Conc: 5.54 ug/ml



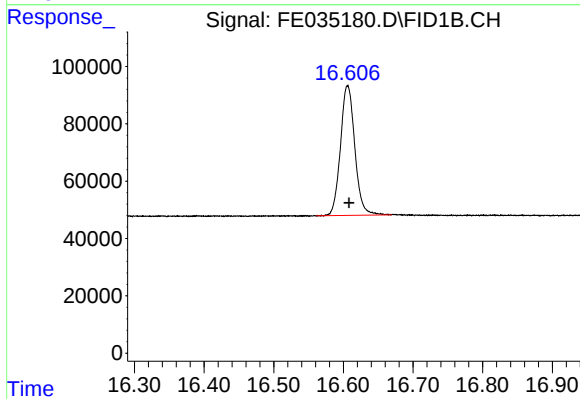
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 680769
Conc: 5.56 ug/ml



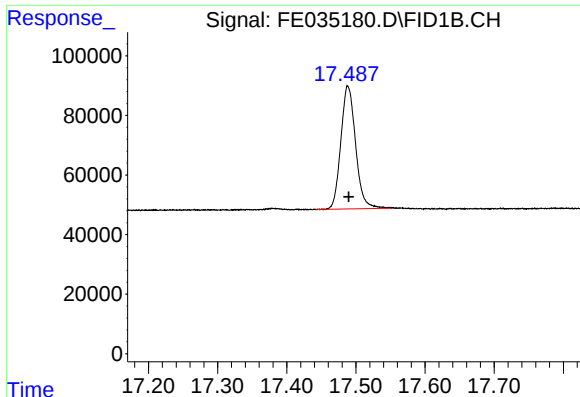
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: -0.001 min
Response: 669108
Conc: 5.57 ug/ml



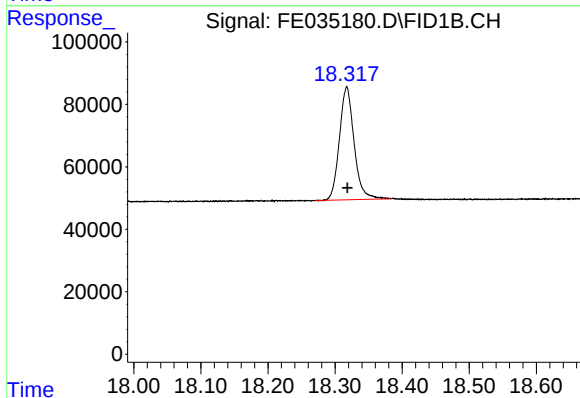
#16 n-Octacosane (C28)

R.T.: 16.606 min
Delta R.T.: -0.002 min
Response: 647171
Conc: 5.59 ug/ml



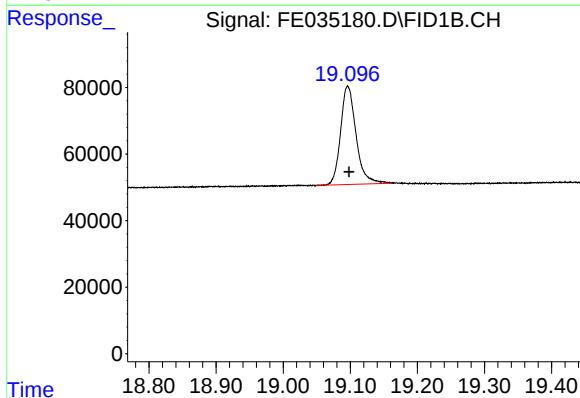
#17 n-Tricontane (C30)

R.T.: 17.488 min
Delta R.T.: -0.001 min
Response: 611675
Conc: 5.58 ug/ml



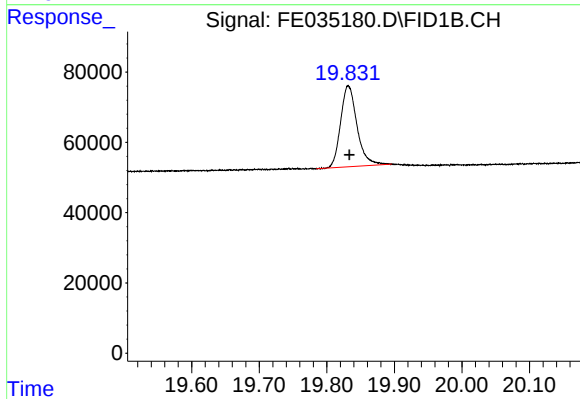
#18 n-Dotriacontane (C32)

R.T.: 18.317 min
Delta R.T.: 0.000 min
Response: 548487
Conc: 5.60 ug/ml



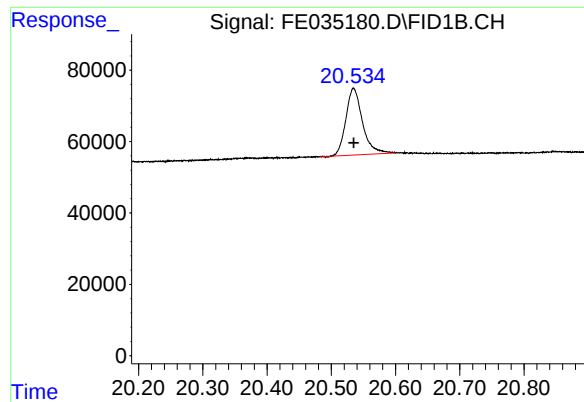
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: -0.002 min
Response: 472278
Conc: 5.49 ug/ml



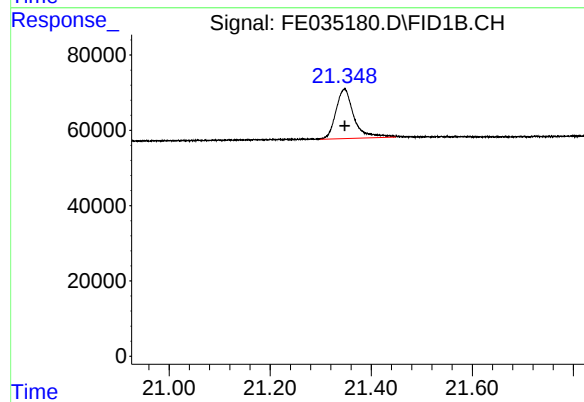
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: -0.002 min
Response: 388538
Conc: 5.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: 0.000 min
Response: 335405
Conc: 5.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.348 min
Delta R.T.: 0.000 min
Response: 325102
Conc: 5.64 ug/ml m