

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052722AL\
 Data File : FE035771.D
 Signal(s) : FID1B.CH
 Acq On : 27 May 2022 9:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 10:50:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.957	2799946	21.108 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
12) S 1-chlorooctadecane (S...	12.387	2157793	20.628 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
Target Compounds			
1) T n-Nonane (C9)	2.806	2718052	22.758 ug/ml
2) T n-Decane (C10)	3.820	2685330	22.692 ug/ml
3) T A~Naphthalene (C11.7)	5.388	2915618	21.820 ug/ml
4) T n-Dodecane (C12)	5.811	2685347	22.414 ug/ml
5) T A~2-methylnaphthalene...	6.438	2918433	21.581 ug/ml
6) T n-Tetradecane (C14)	7.600	2640726	22.156 ug/ml
7) T n-Hexadecane (C16)	9.198	2605230	21.849 ug/ml
8) T n-Octadecane (C18)	10.637	2584507	21.560 ug/ml
10) T n-Eicosane (C20)	11.943	2523959	21.156 ug/ml
11) T n-Heneicosane (C21)	12.554	2510550	20.910 ug/ml
13) T n-Docosane (C22)	13.139	2509756	20.840 ug/ml
14) T n-Tetracosane (C24)	14.239	2510787	20.750 ug/ml
15) T n-Hexacosane (C26)	15.257	2478020	20.477 ug/ml
16) T n-Octacosane (C28)	16.206	2479724	20.461 ug/ml
17) T n-Tricontane (C30)	17.091	2476048	20.592 ug/ml
18) T n-Dotriacontane (C32)	17.922	2377924	20.692 ug/ml
19) T n-Tetratriacontane (C34)	18.705	2266045	20.948 ug/mlm
20) T n-Hexatriacontane (C36)	19.443	2114161	20.987 ug/mlm
21) T n-Octatriacontane (C38)	20.181	2108049	22.126 ug/ml
22) T n-Tetracontane (C40)	21.097	2184485	23.392 ug/ml

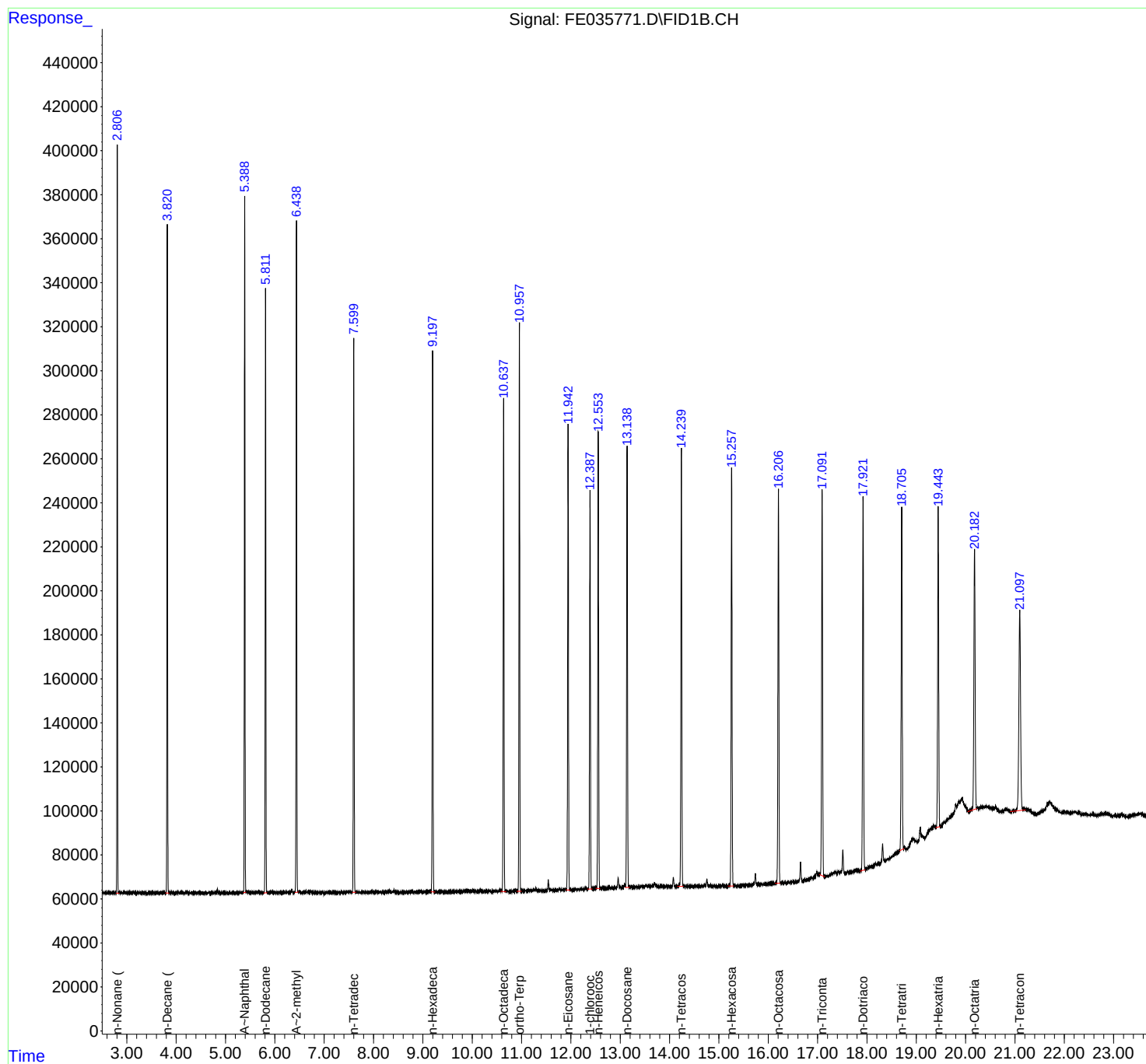
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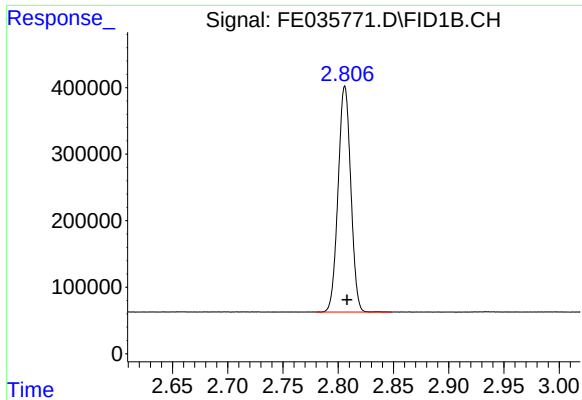
(m)=manual int.

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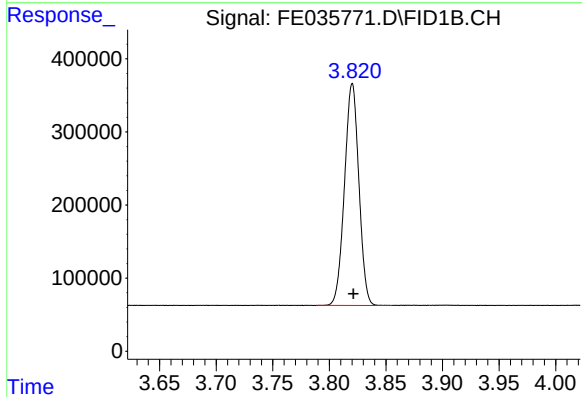
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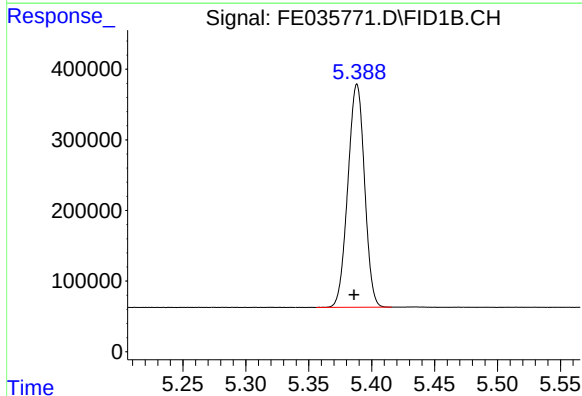
#1 n-Nonane (C9)

R.T.: 2.806 min
Delta R.T.: -0.002 min
Response: 2718052
Conc: 22.76 ug/ml



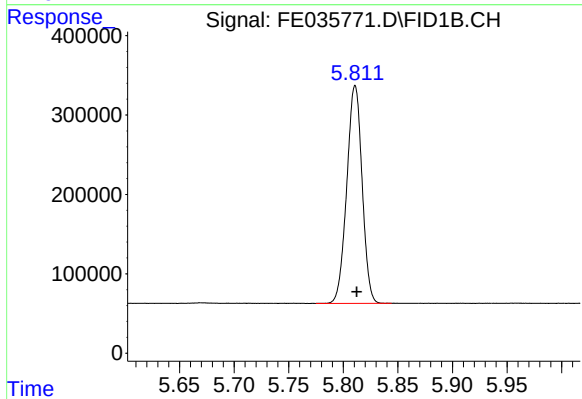
#2 n-Decane (C10)

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 2685330
Conc: 22.69 ug/ml



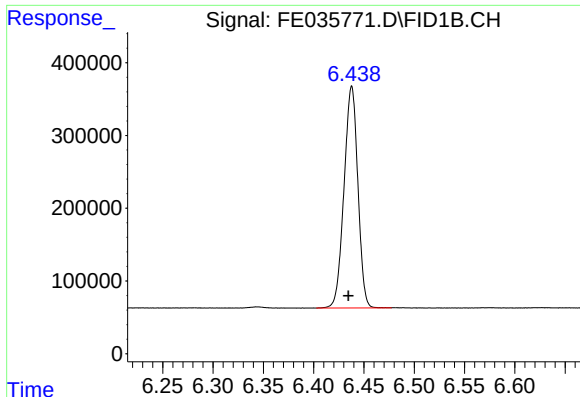
#3 A~Naphthalene (C11.7)

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 2915618
Conc: 21.82 ug/ml



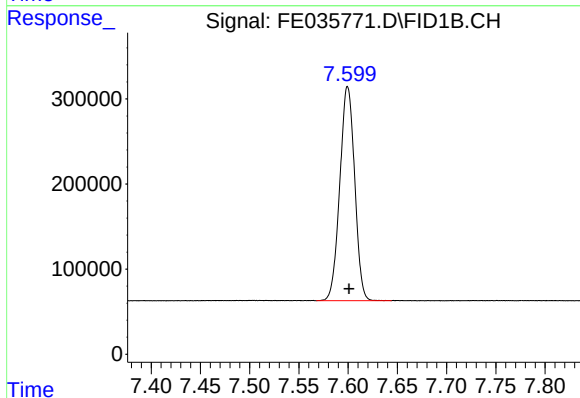
#4 n-Dodecane (C12)

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 2685347
Conc: 22.41 ug/ml



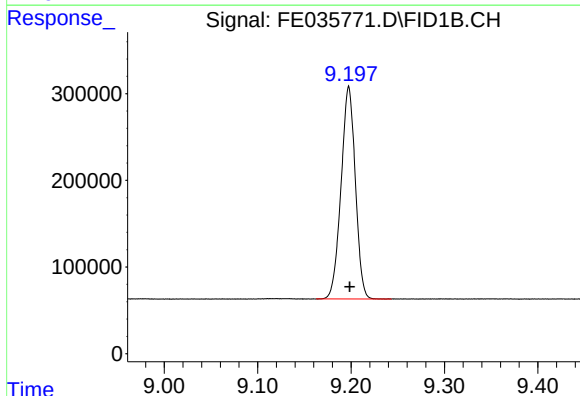
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.438 min
Delta R.T.: 0.003 min
Response: 2918433
Conc: 21.58 ug/ml



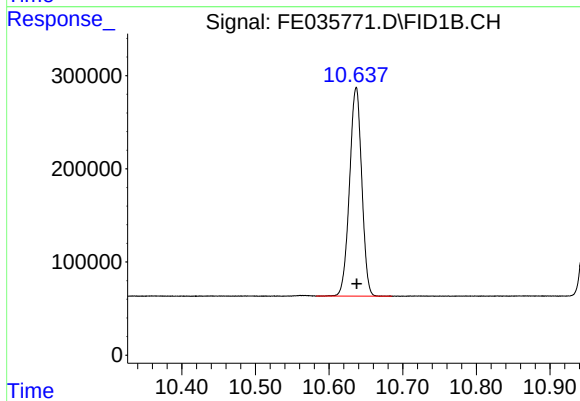
#6 n-Tetradecane (C14)

R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 2640726
Conc: 22.16 ug/ml



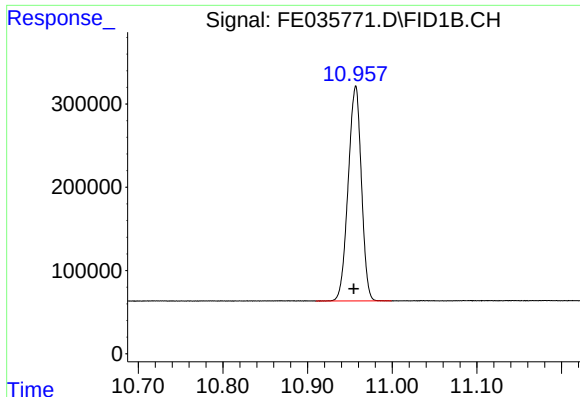
#7 n-Hexadecane (C16)

R.T.: 9.198 min
Delta R.T.: -0.001 min
Response: 2605230
Conc: 21.85 ug/ml



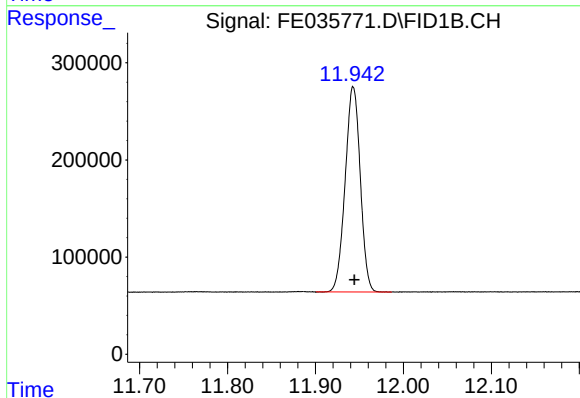
#8 n-Octadecane (C18)

R.T.: 10.637 min
Delta R.T.: 0.000 min
Response: 2584507
Conc: 21.56 ug/ml



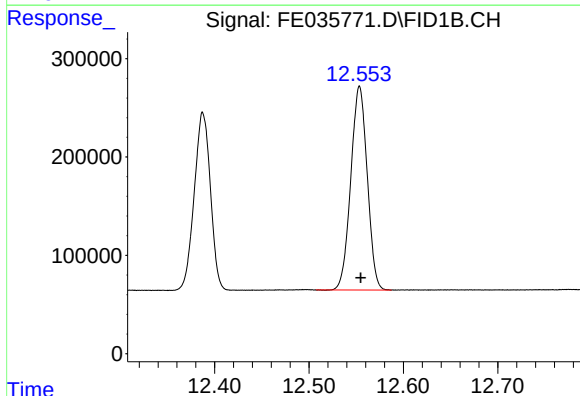
#9 ortho-Terphenyl (SURR)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 2799946
Conc: 21.11 ug/ml



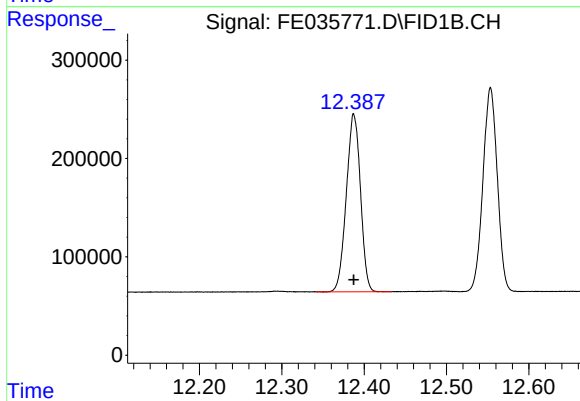
#10 n-Eicosane (C20)

R.T.: 11.943 min
Delta R.T.: -0.001 min
Response: 2523959
Conc: 21.16 ug/ml



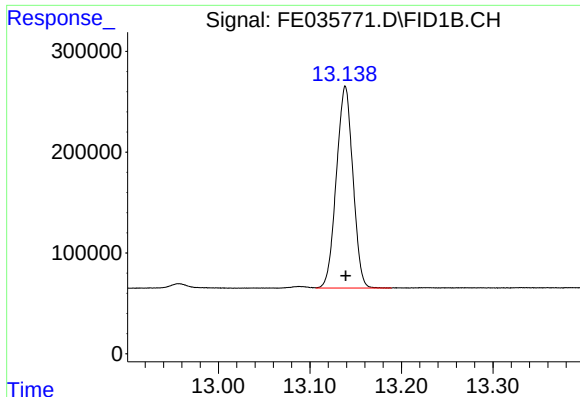
#11 n-Heneicosane (C21)

R.T.: 12.554 min
Delta R.T.: -0.001 min
Response: 2510550
Conc: 20.91 ug/ml



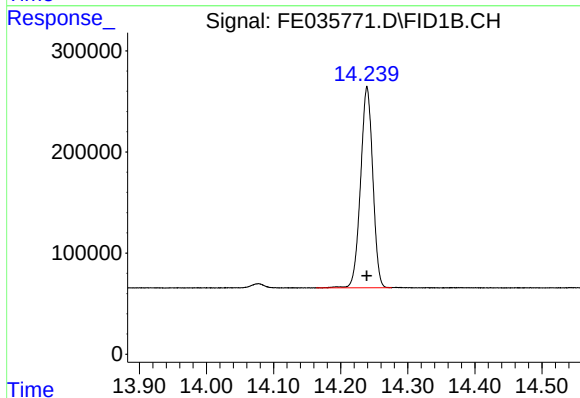
#12 1-chlorooctadecane (SURR)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 2157793
Conc: 20.63 ug/ml



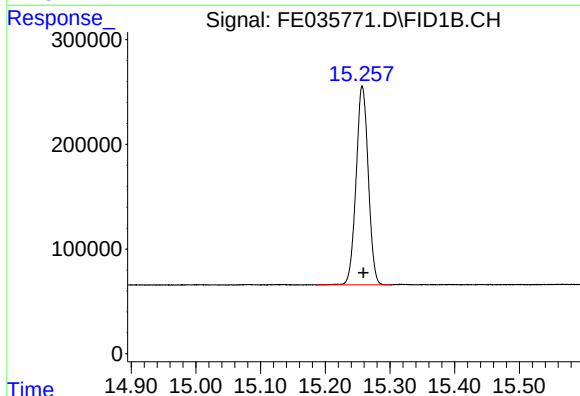
#13 n-Docosane (C22)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2509756
Conc: 20.84 ug/ml



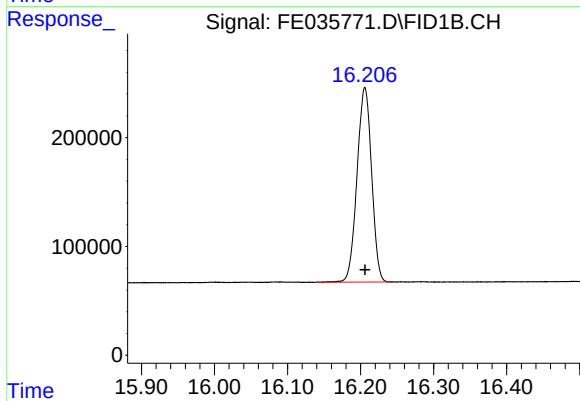
#14 n-Tetracosane (C24)

R.T.: 14.239 min
Delta R.T.: 0.000 min
Response: 2510787
Conc: 20.75 ug/ml



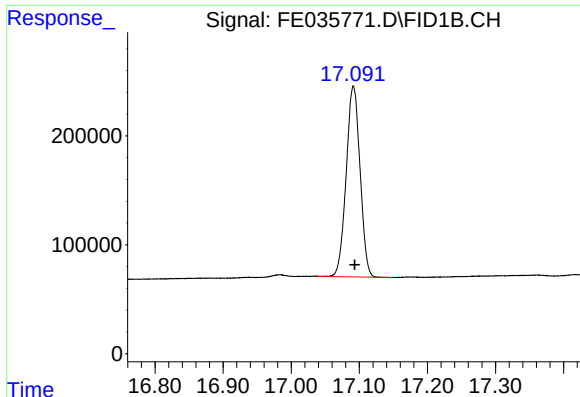
#15 n-Hexacosane (C26)

R.T.: 15.257 min
Delta R.T.: -0.002 min
Response: 2478020
Conc: 20.48 ug/ml



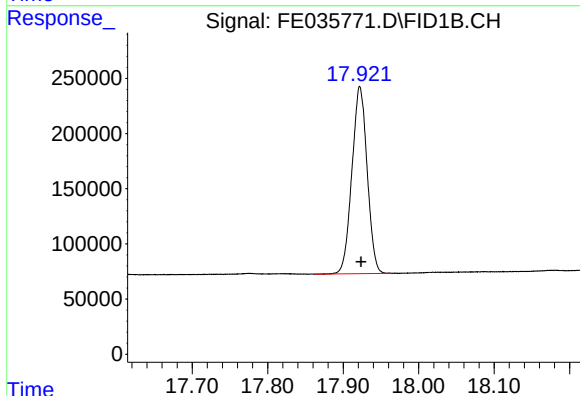
#16 n-Octacosane (C28)

R.T.: 16.206 min
Delta R.T.: 0.000 min
Response: 2479724
Conc: 20.46 ug/ml



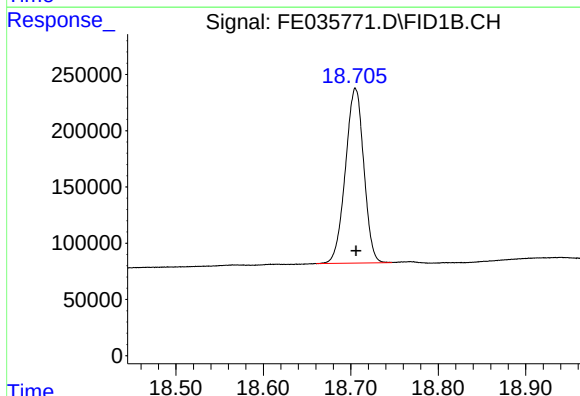
#17 n-Tricontane (C30)

R.T.: 17.091 min
Delta R.T.: -0.002 min
Response: 2476048
Conc: 20.59 ug/ml



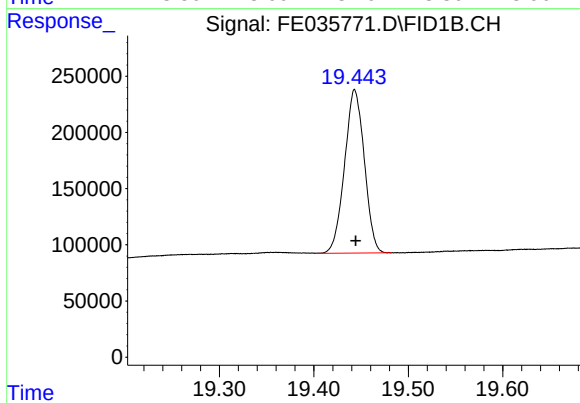
#18 n-Dotriacontane (C32)

R.T.: 17.922 min
Delta R.T.: -0.002 min
Response: 2377924
Conc: 20.69 ug/ml



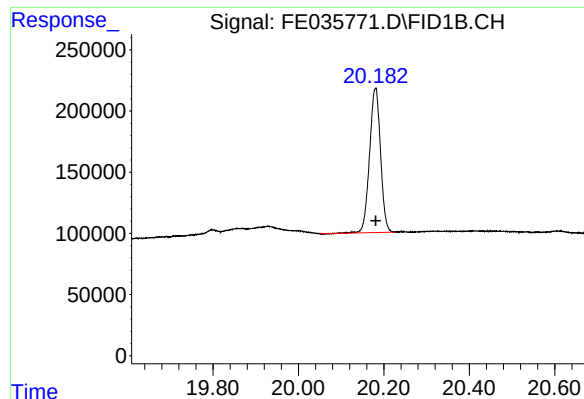
#19 n-Tetratriacontane (C34)

R.T.: 18.705 min
Delta R.T.: -0.001 min
Response: 2266045
Conc: 20.95 ug/ml m



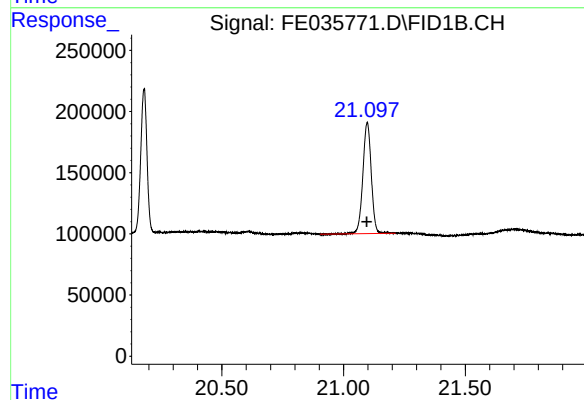
#20 n-Hexatriacontane (C36)

R.T.: 19.443 min
Delta R.T.: -0.002 min
Response: 2114161
Conc: 20.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.181 min
Delta R.T.: 0.000 min
Response: 2108049
Conc: 22.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.097 min
Delta R.T.: 0.002 min
Response: 2184485
Conc: 23.39 ug/ml