

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052722AL\
 Data File : FE035777.D
 Signal(s) : FID1B.CH
 Acq On : 27 May 2022 14:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 08:39:54 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)	10.955	2731251	20.590 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	12.386	2113305	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	2.805	2564666	21.474 ug/ml
2) T n-Decane (C10)	3.819	2541595	21.478 ug/ml
3) T A~Naphthalene (C11.7)	5.387	2793767	20.908 ug/ml
4) T n-Dodecane (C12)	5.809	2552024	21.301 ug/ml
5) T A~2-methylnaphthalene...	6.436	2805702	20.747 ug/ml
6) T n-Tetradecane (C14)	7.599	2532169	21.245 ug/ml
7) T n-Hexadecane (C16)	9.197	2520656	21.140 ug/ml
8) T n-Octadecane (C18)	10.635	2513486	20.968 ug/ml
10) T n-Eicosane (C20)	11.941	2476134	20.755 ug/ml
11) T n-Heneicosane (C21)	12.552	2456572	20.460 ug/ml
13) T n-Docosane (C22)	13.137	2456221	20.396 ug/ml
14) T n-Tetracosane (C24)	14.237	2461450	20.343 ug/ml
15) T n-Hexacosane (C26)	15.256	2426543	20.052 ug/ml
16) T n-Octacosane (C28)	16.204	2424045	20.001 ug/ml
17) T n-Tricontane (C30)	17.088	2415656	20.090 ug/ml
18) T n-Dotriacontane (C32)	17.921	2332309	20.295 ug/ml
19) T n-Tetratriacontane (C34)	18.703	2180455	20.157 ug/ml
20) T n-Hexatriacontane (C36)	19.440	2079671	20.645 ug/ml
21) T n-Octatriacontane (C38)	20.176	2021503	21.217 ug/ml
22) T n-Tetracontane (C40)	21.091	2059462	22.053 ug/ml

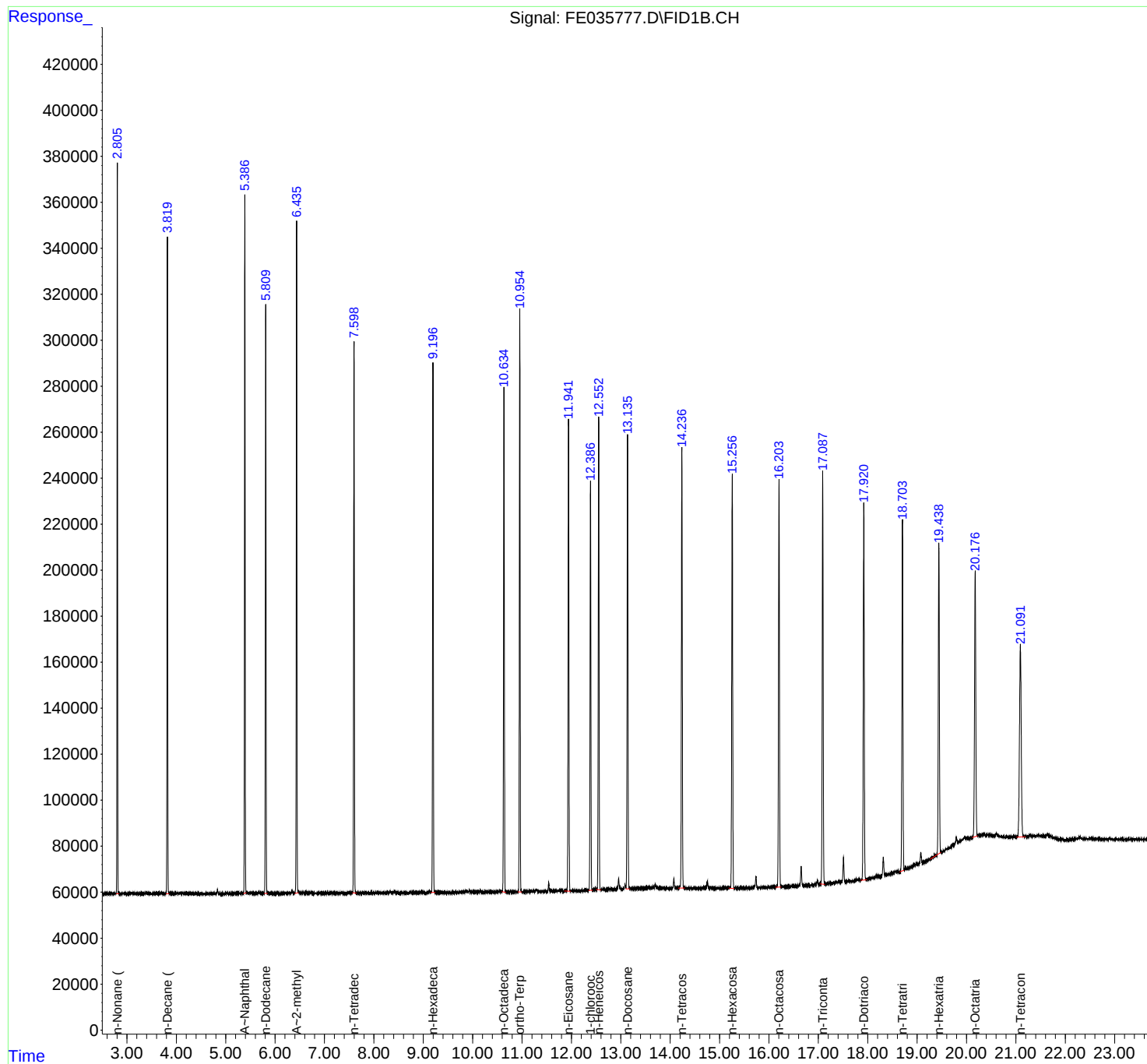
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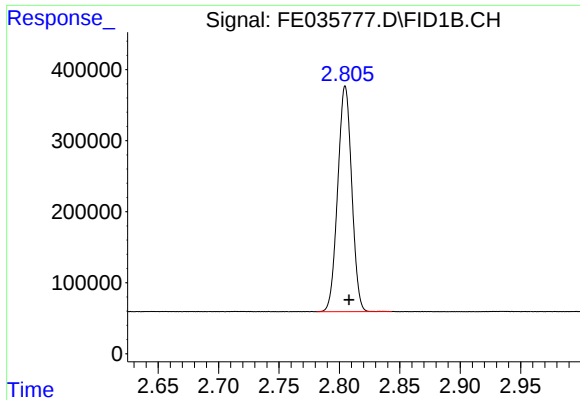
(m)=manual int.

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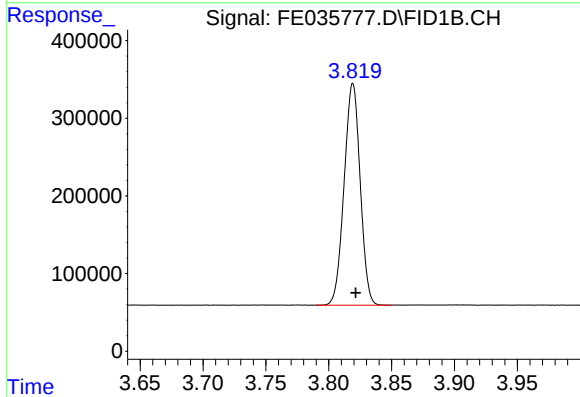
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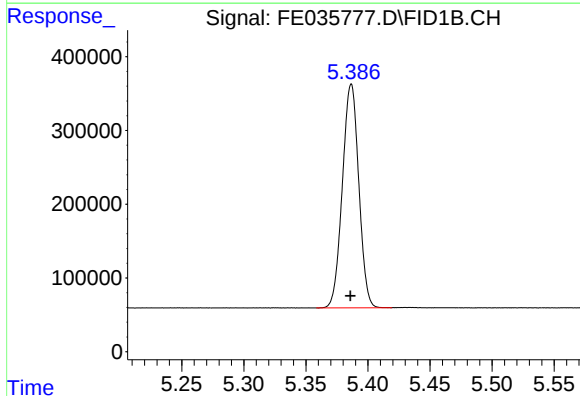
#1 n-Nonane (C9)

R.T.: 2.805 min
Delta R.T.: -0.003 min
Response: 2564666
Conc: 21.47 ug/ml



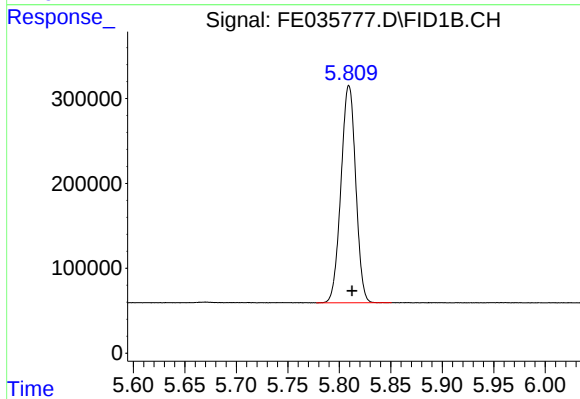
#2 n-Decane (C10)

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 2541595
Conc: 21.48 ug/ml



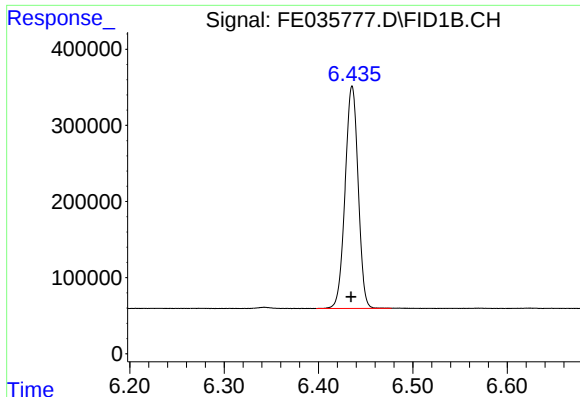
#3 A~Naphthalene (C11.7)

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 2793767
Conc: 20.91 ug/ml



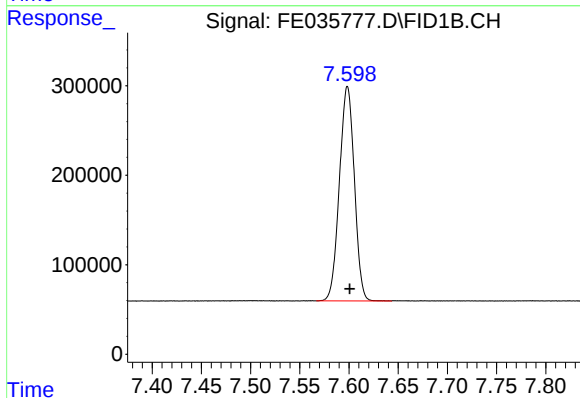
#4 n-Dodecane (C12)

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 2552024
Conc: 21.30 ug/ml



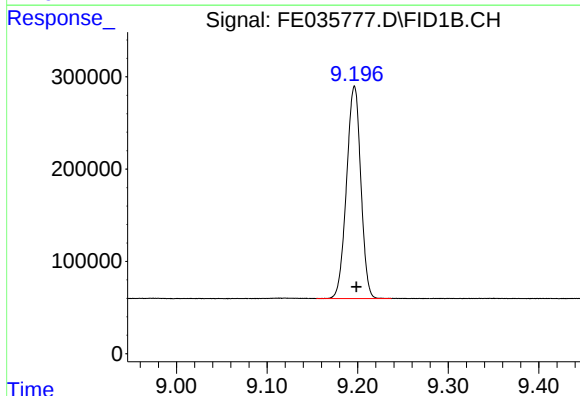
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 2805702
Conc: 20.75 ug/ml



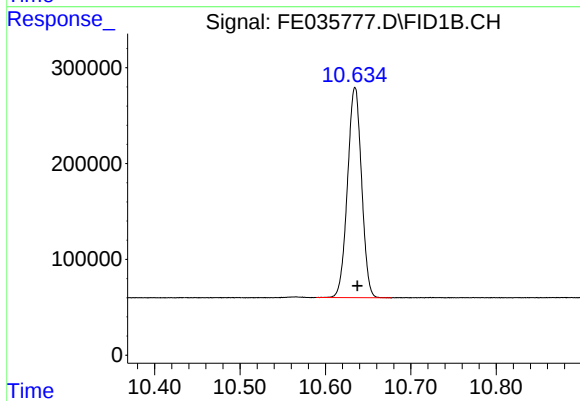
#6 n-Tetradecane (C14)

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 2532169
Conc: 21.24 ug/ml



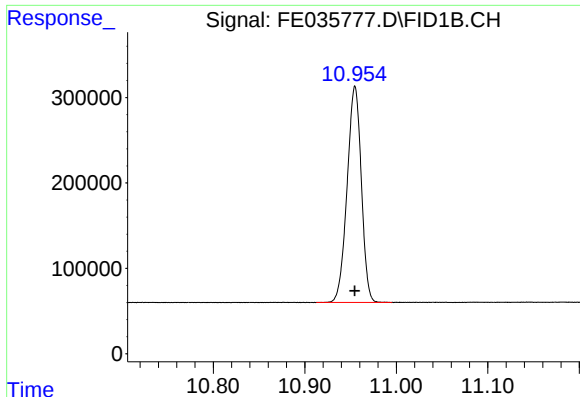
#7 n-Hexadecane (C16)

R.T.: 9.197 min
Delta R.T.: -0.002 min
Response: 2520656
Conc: 21.14 ug/ml



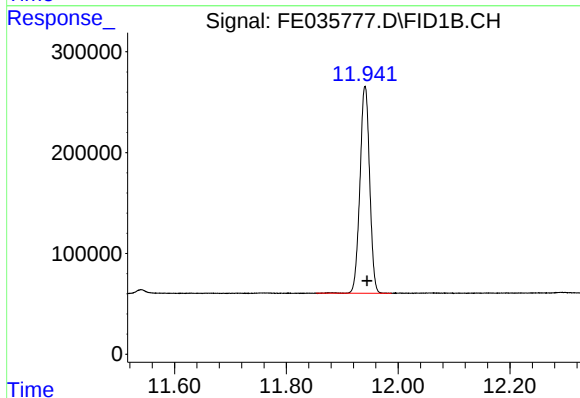
#8 n-Octadecane (C18)

R.T.: 10.635 min
Delta R.T.: -0.003 min
Response: 2513486
Conc: 20.97 ug/ml



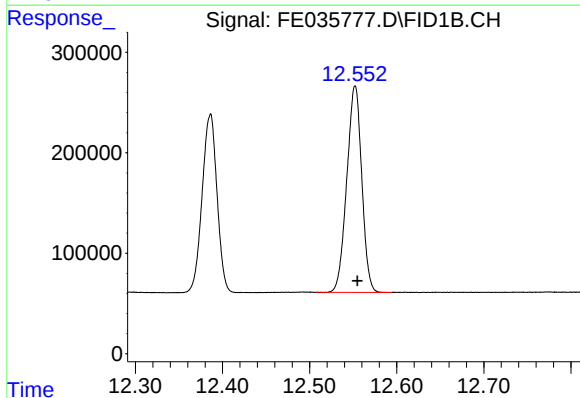
#9 ortho-Terphenyl (SURR)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 2731251
Conc: 20.59 ug/ml



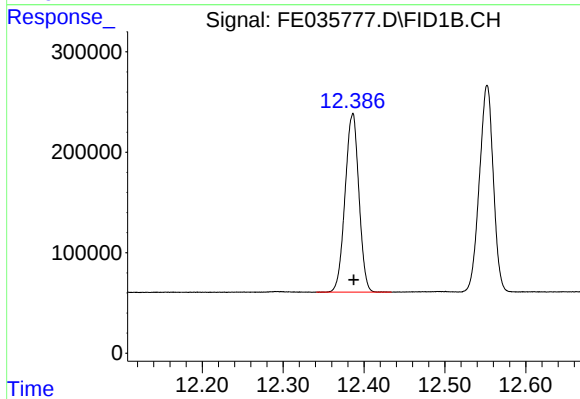
#10 n-Eicosane (C20)

R.T.: 11.941 min
Delta R.T.: -0.003 min
Response: 2476134
Conc: 20.76 ug/ml



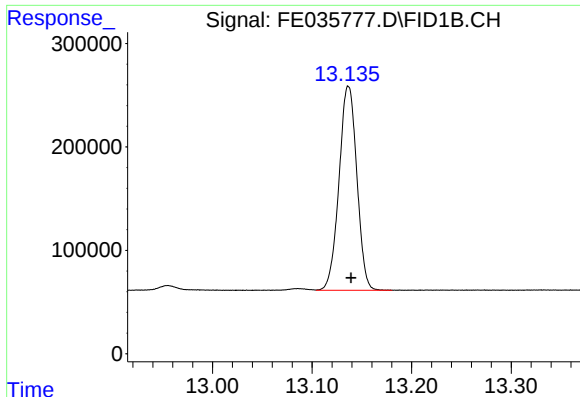
#11 n-Heneicosane (C21)

R.T.: 12.552 min
Delta R.T.: -0.003 min
Response: 2456572
Conc: 20.46 ug/ml



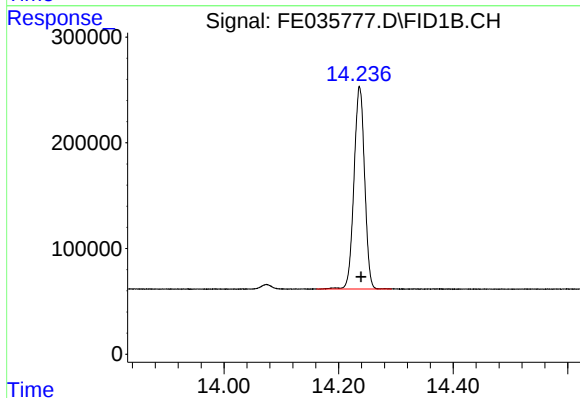
#12 1-chlorooctadecane (SURR)

R.T.: 12.386 min
Delta R.T.: -0.001 min
Response: 2113305
Conc: 20.20 ug/ml



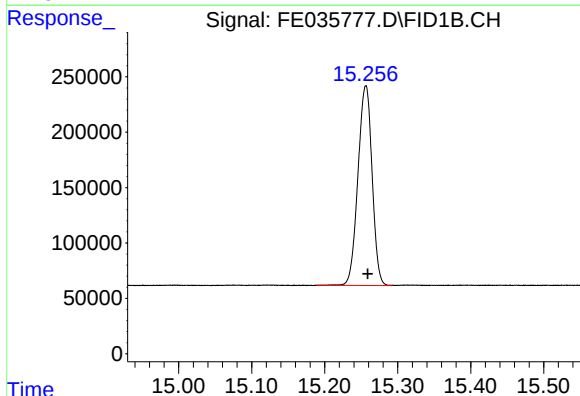
#13 n-Docosane (C22)

R.T.: 13.137 min
Delta R.T.: -0.003 min
Response: 2456221
Conc: 20.40 ug/ml



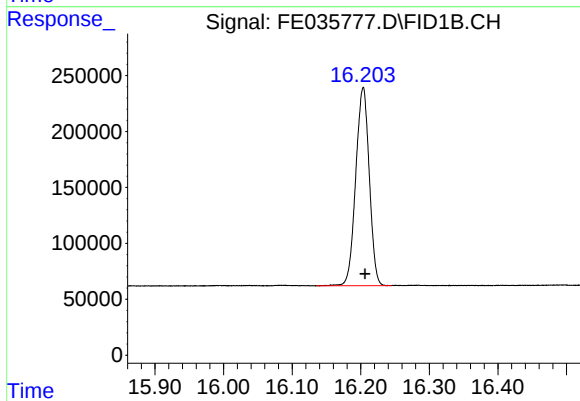
#14 n-Tetracosane (C24)

R.T.: 14.237 min
Delta R.T.: -0.002 min
Response: 2461450
Conc: 20.34 ug/ml



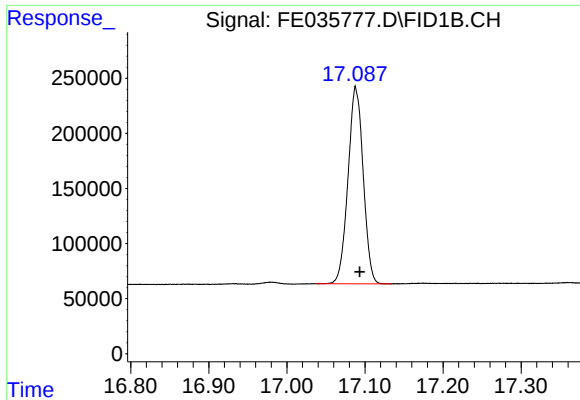
#15 n-Hexacosane (C26)

R.T.: 15.256 min
Delta R.T.: -0.003 min
Response: 2426543
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.204 min
Delta R.T.: -0.003 min
Response: 2424045
Conc: 20.00 ug/ml



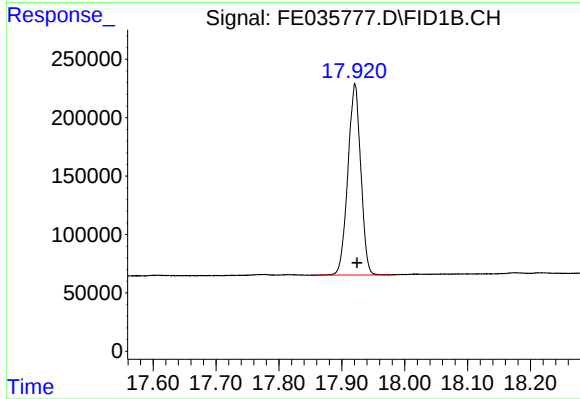
#17 n-Tricontane (C30)

R.T.: 17.088 min

Delta R.T.: -0.005 min

Response: 2415656

Conc: 20.09 ug/ml



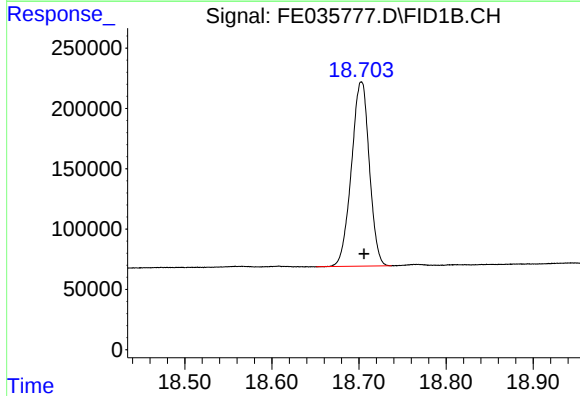
#18 n-Dotriacontane (C32)

R.T.: 17.921 min

Delta R.T.: -0.003 min

Response: 2332309

Conc: 20.29 ug/ml



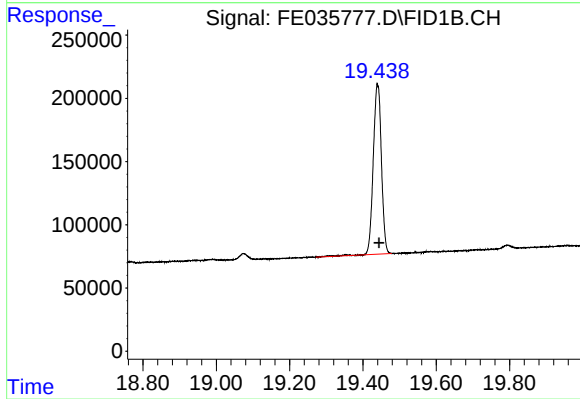
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min

Delta R.T.: -0.003 min

Response: 2180455

Conc: 20.16 ug/ml



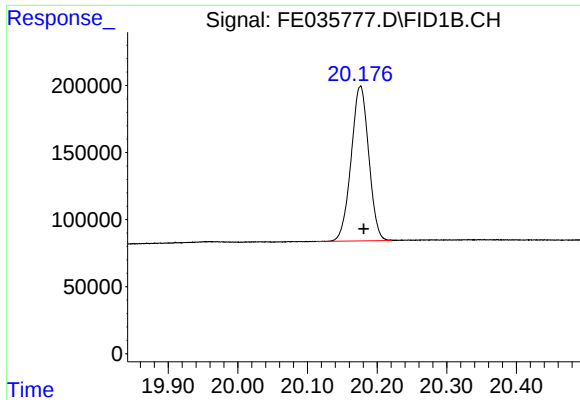
#20 n-Hexatriacontane (C36)

R.T.: 19.440 min

Delta R.T.: -0.005 min

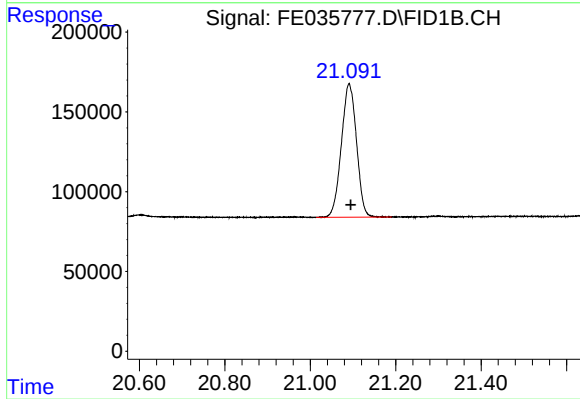
Response: 2079671

Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.176 min
Delta R.T.: -0.005 min
Response: 2021503
Conc: 21.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.091 min
Delta R.T.: -0.004 min
Response: 2059462
Conc: 22.05 ug/ml