

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121321AL\
 Data File : FE034569.D
 Signal(s) : FID1B.CH
 Acq On : 14 Dec 2021 2:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 06:01:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:59:54 2021
 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)	11.648	2475302	20.360 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	13.074	1956414	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.387	2175464	20.136 ug/ml
2) T n-Decane (C10)	4.459	2189647	20.132 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2480322	20.218 ug/ml
4) T n-Dodecane (C12)	6.480	2176135	20.142 ug/ml
5) T A~2-methylnaphthalene...	7.116	2514989	20.382 ug/ml
6) T n-Tetradecane (C14)	8.276	2192385	20.152 ug/ml
7) T n-Hexadecane (C16)	9.876	2216814	20.241 ug/ml
8) T n-Octadecane (C18)	11.318	2294012	20.356 ug/ml
10) T n-Eicosane (C20)	12.626	2290923	20.416 ug/ml
11) T n-Heneicosane (C21)	13.239	2324122	20.436 ug/ml
13) T n-Docosane (C22)	13.824	2314456	20.467 ug/ml
14) T n-Tetracosane (C24)	14.927	2346601	20.512 ug/ml
15) T n-Hexacosane (C26)	15.947	2317203	20.544 ug/ml
16) T n-Octacosane (C28)	16.897	2297578	20.529 ug/ml
17) T n-Tricontane (C30)	17.785	2266260	20.478 ug/ml
18) T n-Dotriacontane (C32)	18.617	2150611	20.496 ug/ml
19) T n-Tetratriacontane (C34)	19.400	2056368	20.415 ug/ml
20) T n-Hexatriacontane (C36)	20.139	1913325	20.206 ug/ml
21) T n-Octatriacontane (C38)	20.887	1723991	20.324 ug/ml
22) T n-Tetracontane (C40)	21.820	1618735	20.888 ug/ml

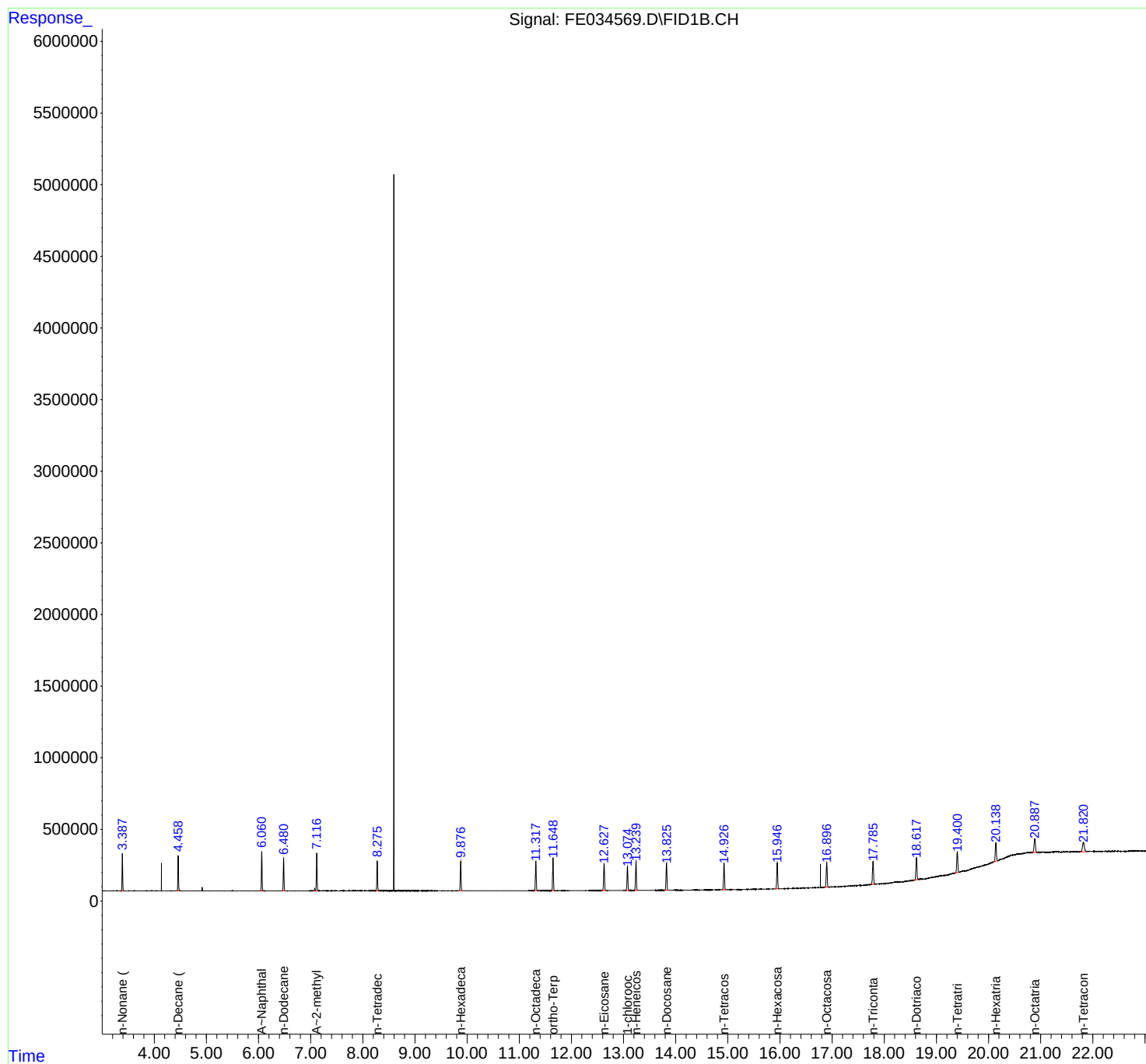
(f)=RT Delta > 1/2 Window

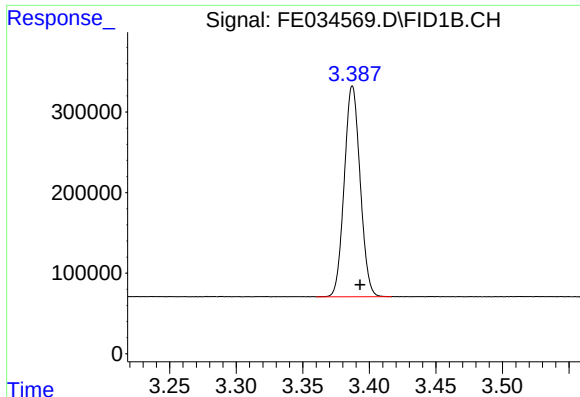
(m)=manual int.

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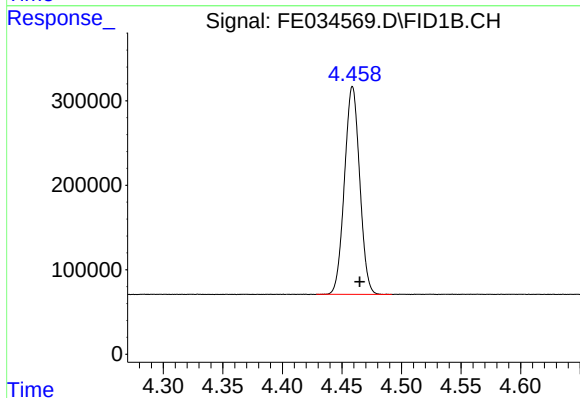
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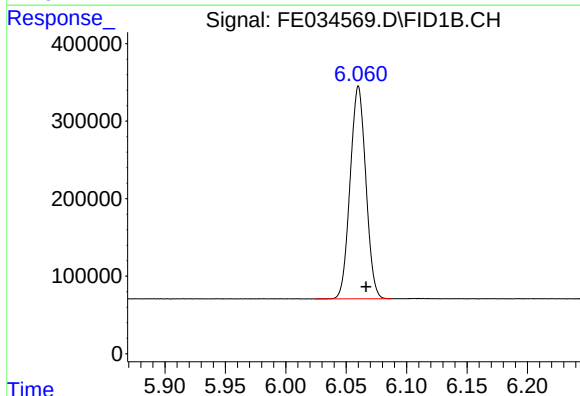
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.006 min
Response: 2175464
Conc: 20.14 ug/ml



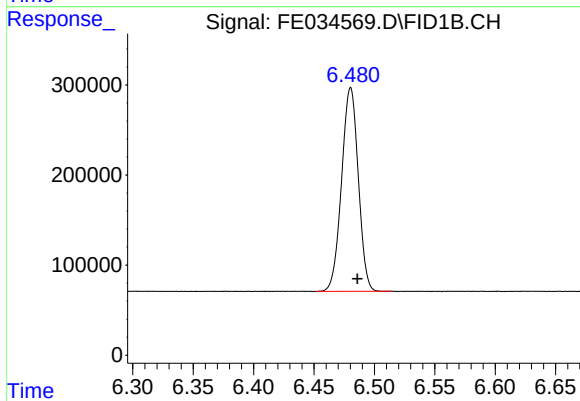
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.006 min
Response: 2189647
Conc: 20.13 ug/ml



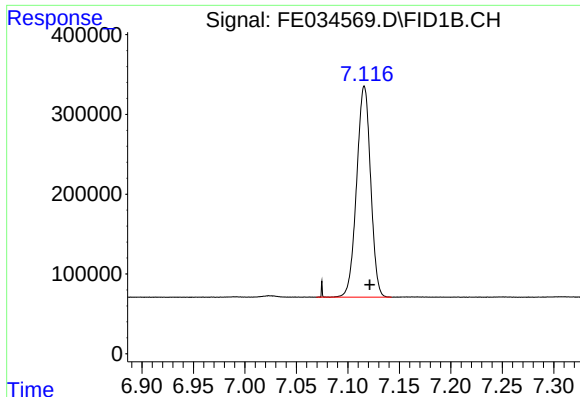
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.006 min
Response: 2480322
Conc: 20.22 ug/ml



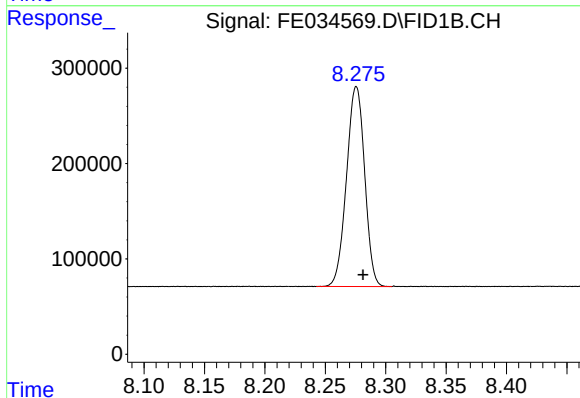
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 2176135
Conc: 20.14 ug/ml



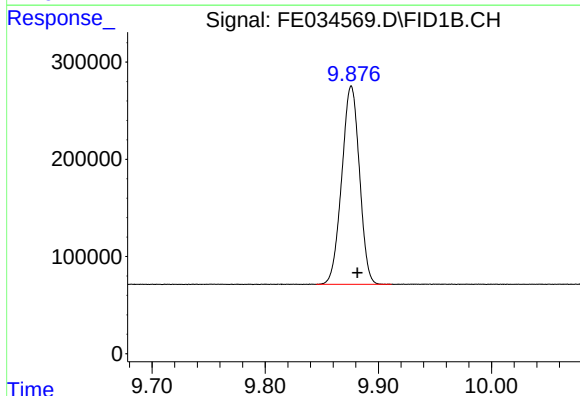
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.005 min
Response: 2514989
Conc: 20.38 ug/ml



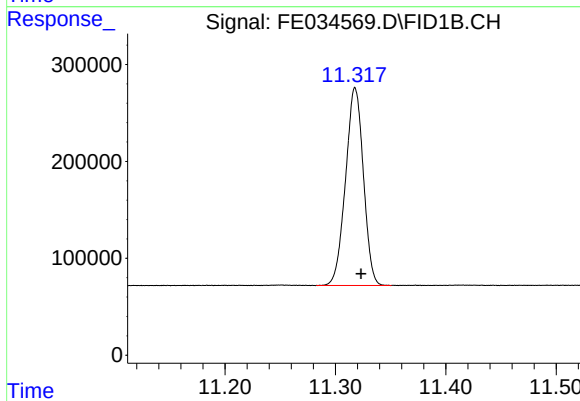
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 2192385
Conc: 20.15 ug/ml



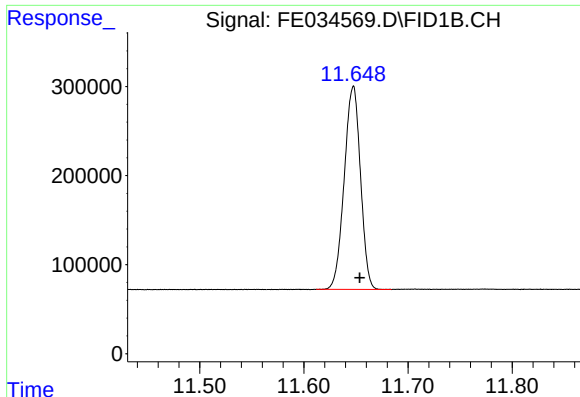
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.006 min
Response: 2216814
Conc: 20.24 ug/ml



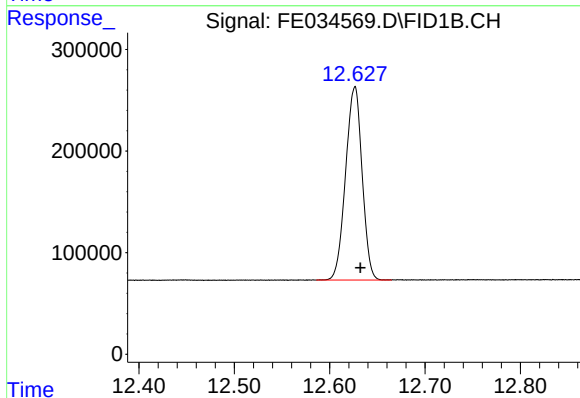
#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.005 min
Response: 2294012
Conc: 20.36 ug/ml



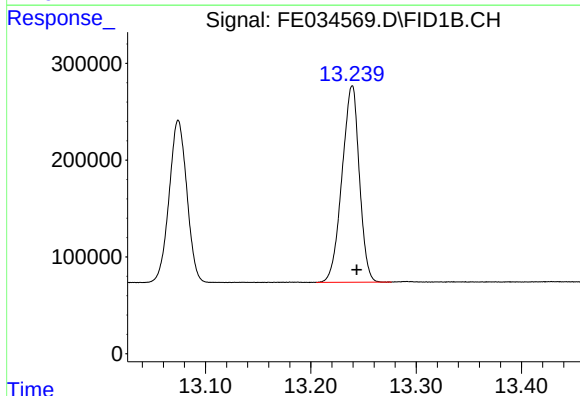
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.006 min
Response: 2475302
Conc: 20.36 ug/ml



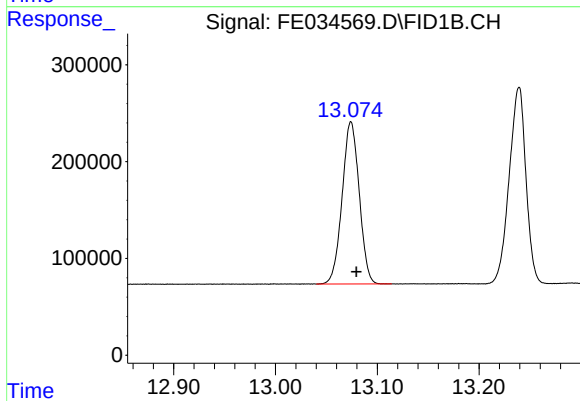
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: -0.006 min
Response: 2290923
Conc: 20.42 ug/ml



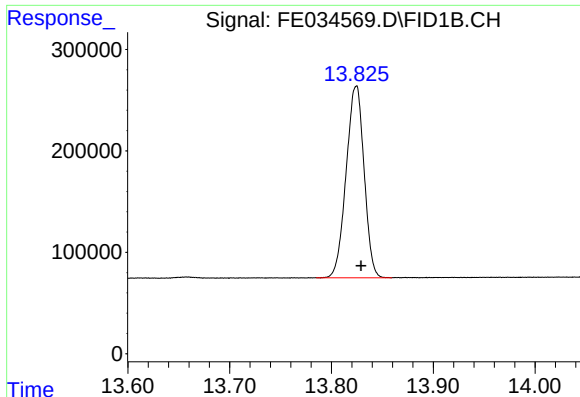
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: -0.004 min
Response: 2324122
Conc: 20.44 ug/ml



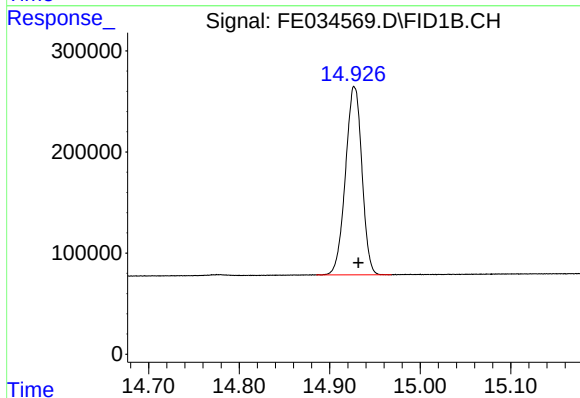
#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.005 min
Response: 1956414
Conc: 20.42 ug/ml



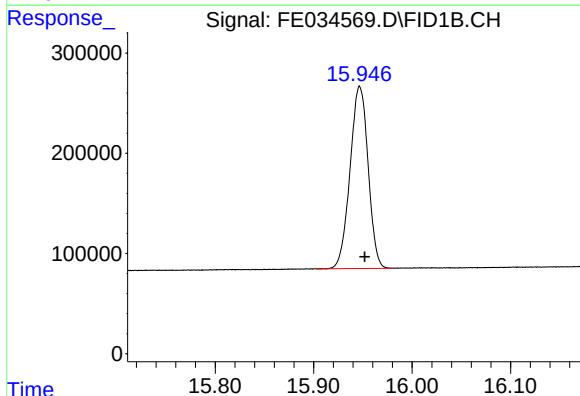
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: -0.005 min
Response: 2314456
Conc: 20.47 ug/ml



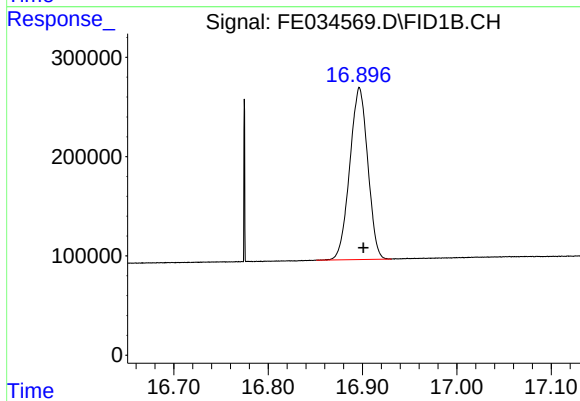
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.004 min
Response: 2346601
Conc: 20.51 ug/ml



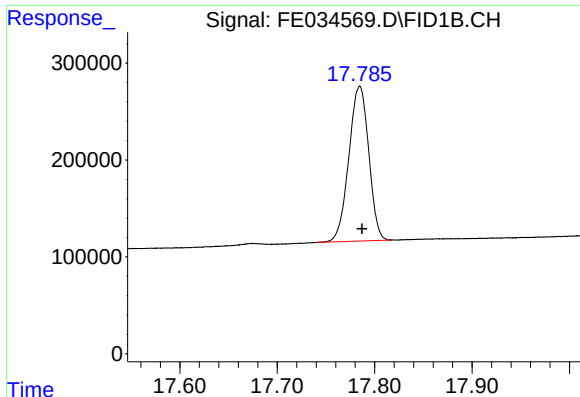
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.005 min
Response: 2317203
Conc: 20.54 ug/ml



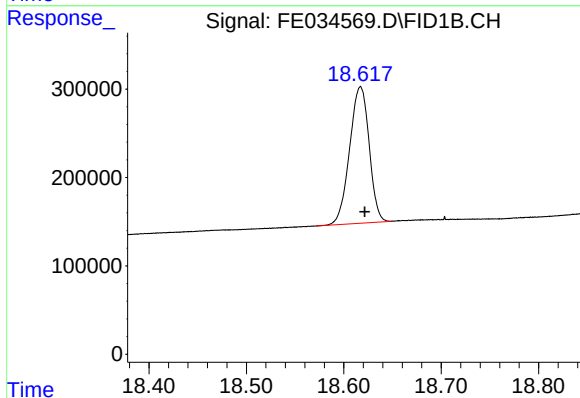
#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.004 min
Response: 2297578
Conc: 20.53 ug/ml



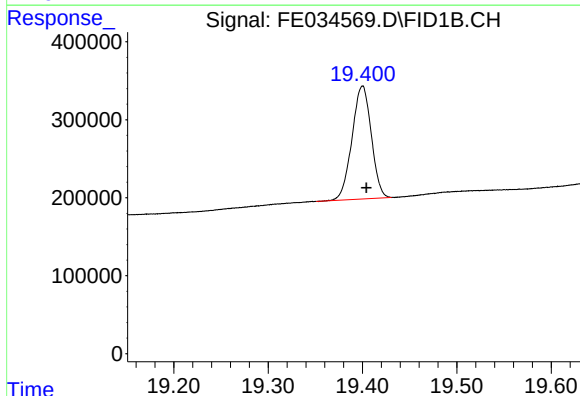
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: -0.002 min
Response: 2266260
Conc: 20.48 ug/ml



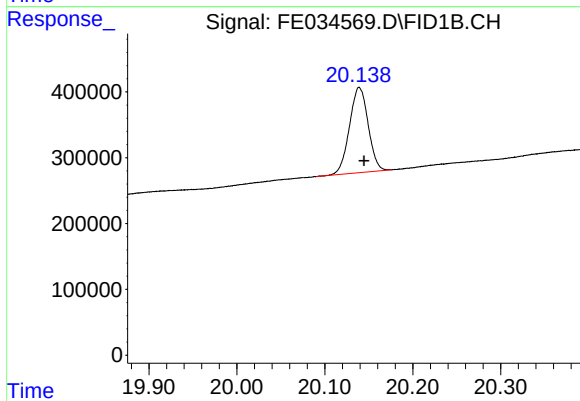
#18 n-Dotriacontane (C32)

R.T.: 18.617 min
Delta R.T.: -0.004 min
Response: 2150611
Conc: 20.50 ug/ml



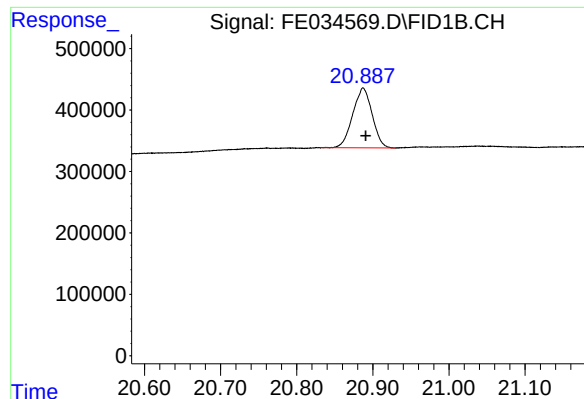
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min
Delta R.T.: -0.004 min
Response: 2056368
Conc: 20.41 ug/ml



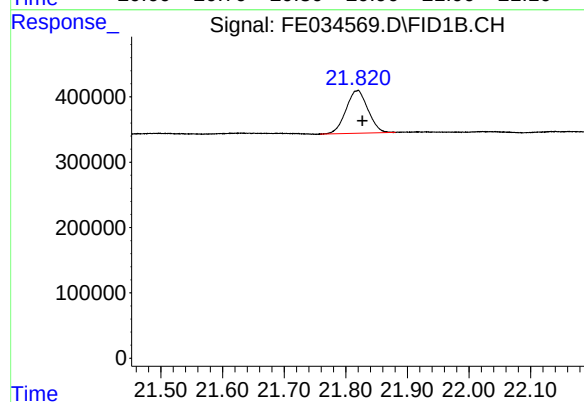
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.006 min
Response: 1913325
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.004 min
Response: 1723991
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.007 min
Response: 1618735
Conc: 20.89 ug/ml