

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040125.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 13:10
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 13:34:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:10:50 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)	10.724	693679	4.489 ug/ml
Spiked Amount 50.000		Recovery =	8.98%
12) S 1-chlorooctadecane (S...	12.161	531880	4.368 ug/ml
Spiked Amount 50.000		Recovery =	8.74%
Target Compounds			
1) T n-Nonane (C9)	2.642	608152	4.503 ug/ml
2) T n-Decane (C10)	3.638	612578	4.504 ug/ml
3) T A~Naphthalene (C11.7)	5.181	686823	4.495 ug/ml
4) T n-Dodecane (C12)	5.615	605030	4.480 ug/ml
5) T A~2-methylnaphthalene...	6.223	680129	4.441 ug/ml
6) T n-Tetradecane (C14)	7.394	602456	4.452 ug/ml
7) T n-Hexadecane (C16)	8.985	605467	4.421 ug/ml
8) T n-Octadecane (C18)	10.419	638170	4.467 ug/ml
10) T n-Eicosane (C20)	11.720	642387	4.455 ug/ml
11) T n-Heneicosane (C21)	12.330	651110	4.450 ug/ml
13) T n-Docosane (C22)	12.913	642447	4.383 ug/ml
14) T n-Tetracosane (C24)	14.011	648995	4.366 ug/ml
15) T n-Hexacosane (C26)	15.026	600942	4.228 ug/ml
16) T n-Octacosane (C28)	15.971	559278	4.162 ug/ml
17) T n-Tricontane (C30)	16.855	541441	4.372 ug/ml
18) T n-Dotriacontane (C32)	17.684	531348	4.626 ug/ml
19) T n-Tetratriacontane (C34)	18.466	509703	4.535 ug/ml
20) T n-Hexatriacontane (C36)	19.204	444776	4.171 ug/ml
21) T n-Octatriacontane (C38)	19.914	348684	3.419 ug/ml
22) T n-Tetracontane (C40)	20.752	231886	2.876 ug/ml

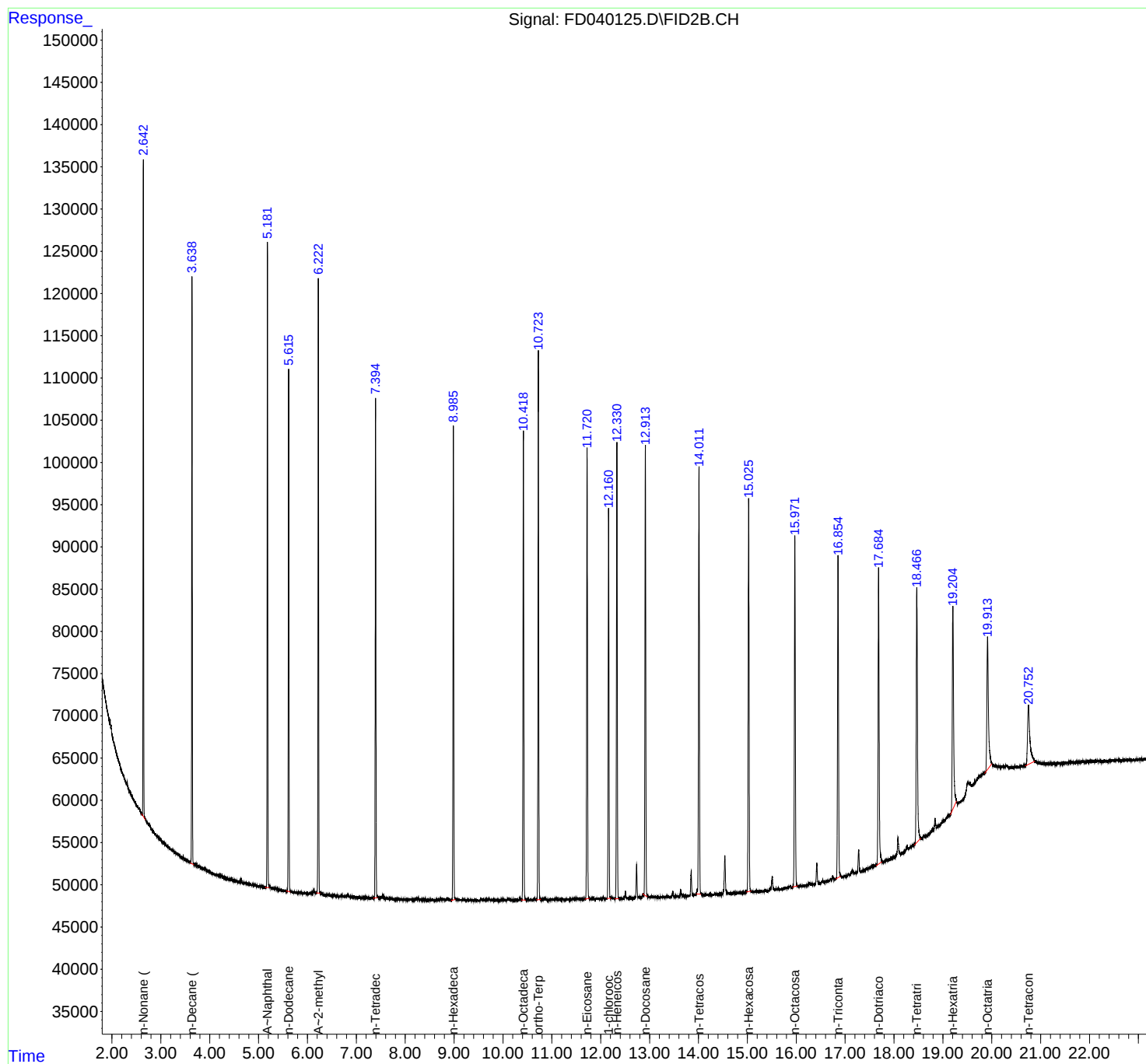
(f)=RT Delta > 1/2 Window

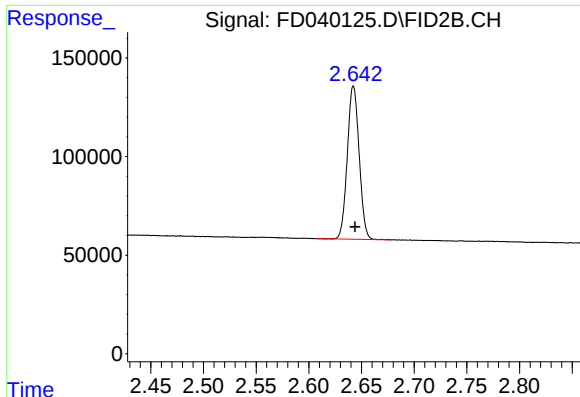
(m)=manual int.

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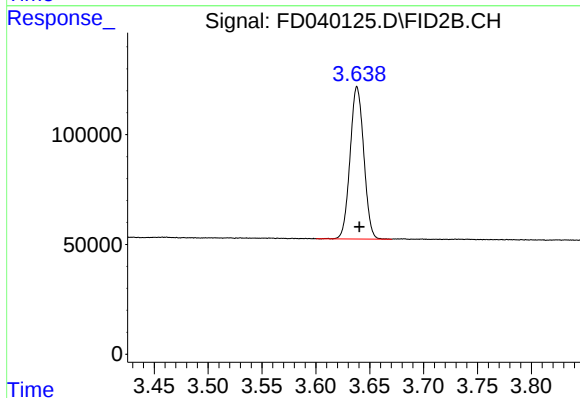
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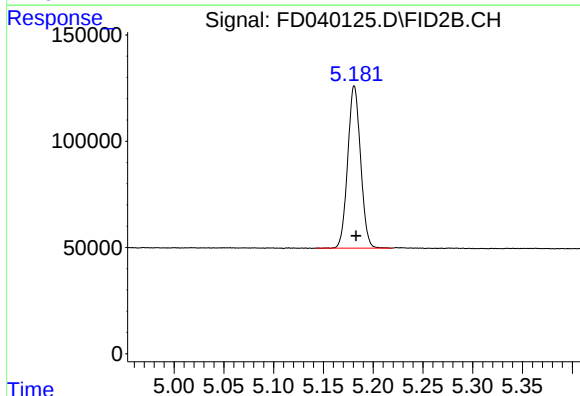
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: -0.002 min
Response: 608152
Conc: 4.50 ug/ml



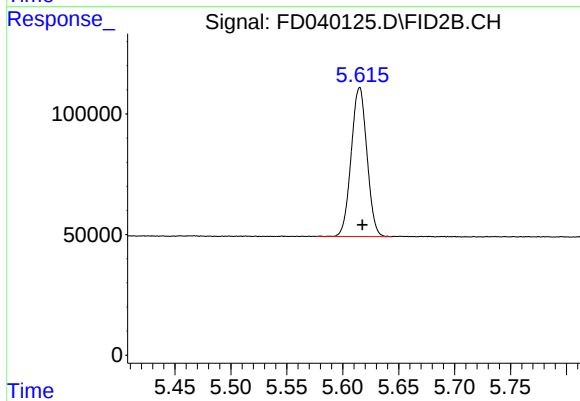
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: -0.002 min
Response: 612578
Conc: 4.50 ug/ml



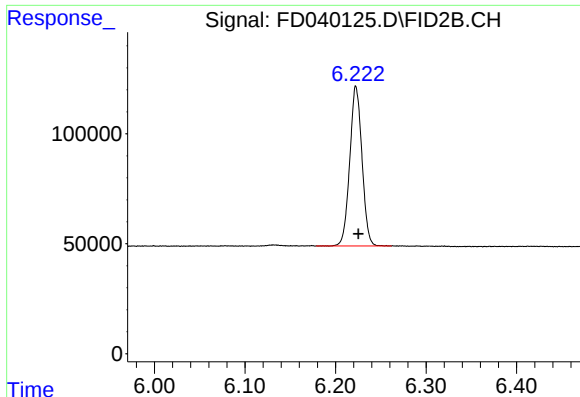
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 686823
Conc: 4.49 ug/ml



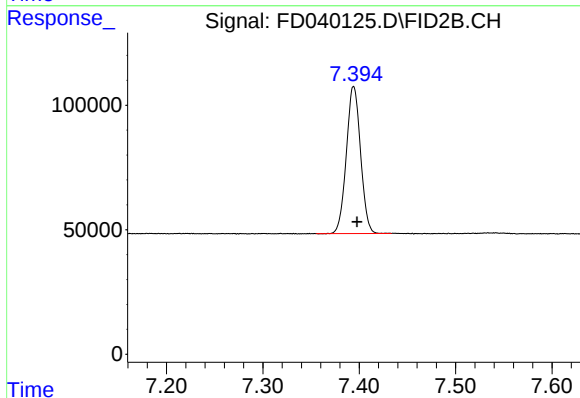
#4 n-Dodecane (C12)

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 605030
Conc: 4.48 ug/ml



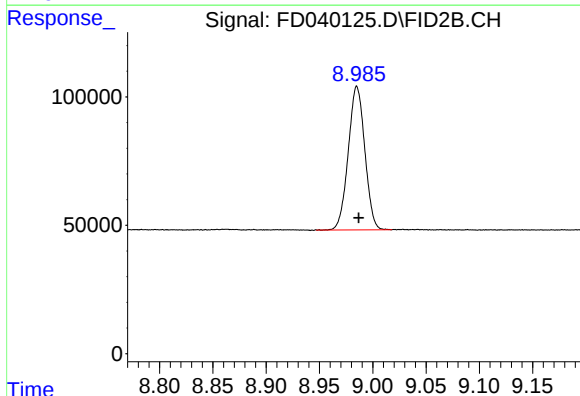
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.223 min
Delta R.T.: -0.003 min
Response: 680129
Conc: 4.44 ug/ml



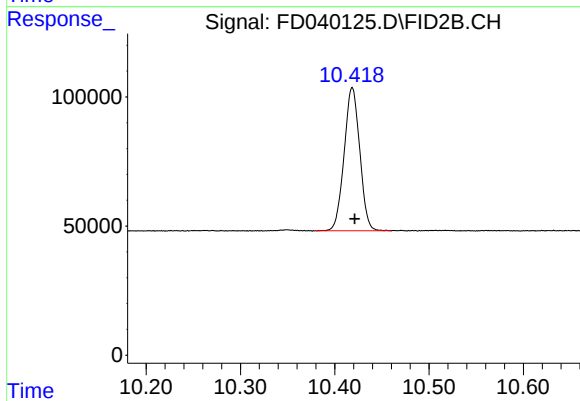
#6 n-Tetradecane (C14)

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 602456
Conc: 4.45 ug/ml



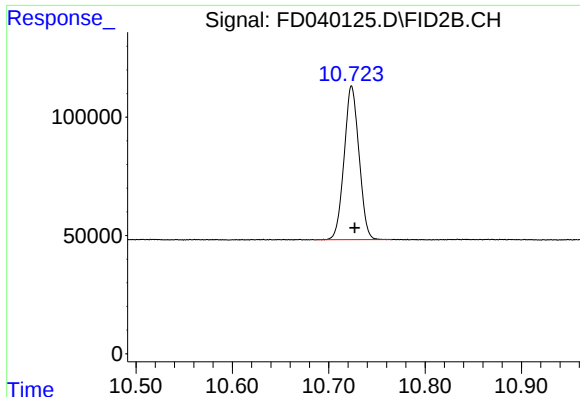
#7 n-Hexadecane (C16)

R.T.: 8.985 min
Delta R.T.: -0.002 min
Response: 605467
Conc: 4.42 ug/ml



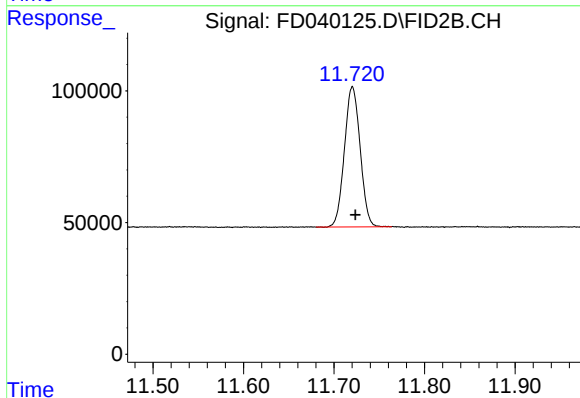
#8 n-Octadecane (C18)

R.T.: 10.419 min
Delta R.T.: -0.003 min
Response: 638170
Conc: 4.47 ug/ml



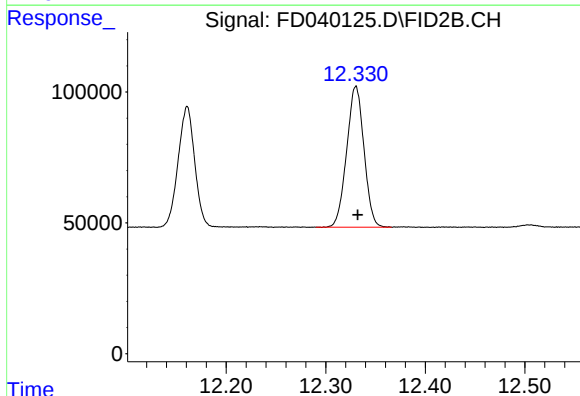
#9 ortho-Terphenyl (SURR)

R.T.: 10.724 min
Delta R.T.: -0.003 min
Response: 693679
Conc: 4.49 ug/ml



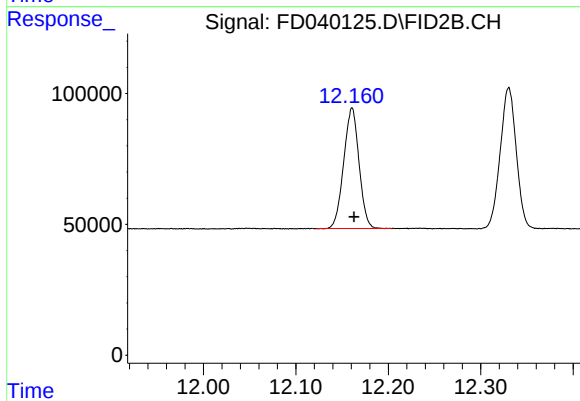
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: -0.003 min
Response: 642387
Conc: 4.45 ug/ml



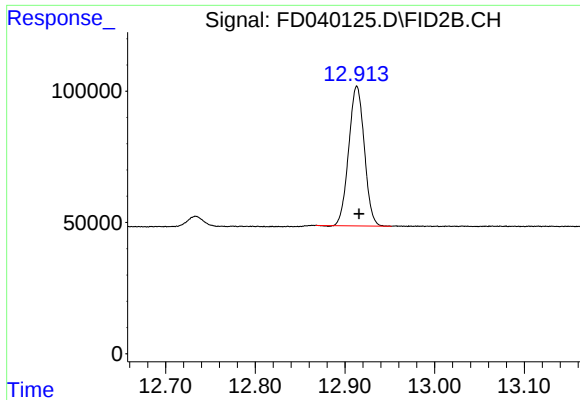
#11 n-Heneicosane (C21)

R.T.: 12.330 min
Delta R.T.: -0.002 min
Response: 651110
Conc: 4.45 ug/ml



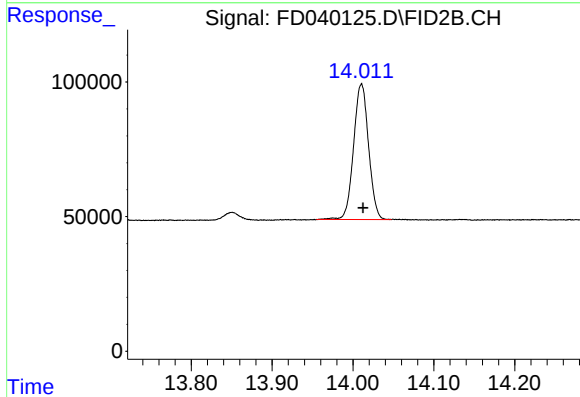
#12 1-chlorooctadecane (SURR)

R.T.: 12.161 min
Delta R.T.: -0.002 min
Response: 531880
Conc: 4.37 ug/ml



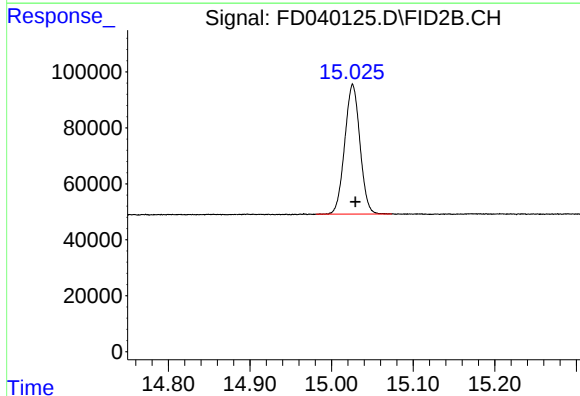
#13 n-Docosane (C22)

R.T.: 12.913 min
Delta R.T.: -0.002 min
Response: 642447
Conc: 4.38 ug/ml



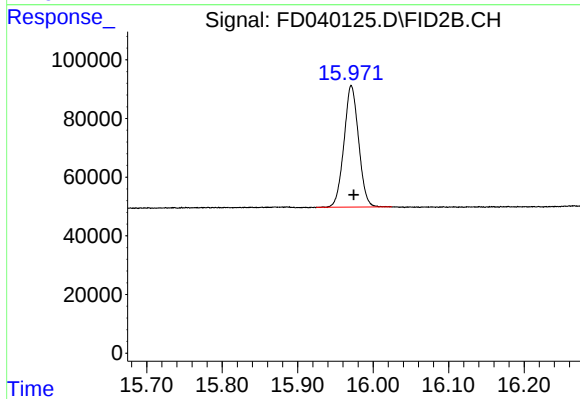
#14 n-Tetracosane (C24)

R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 648995
Conc: 4.37 ug/ml



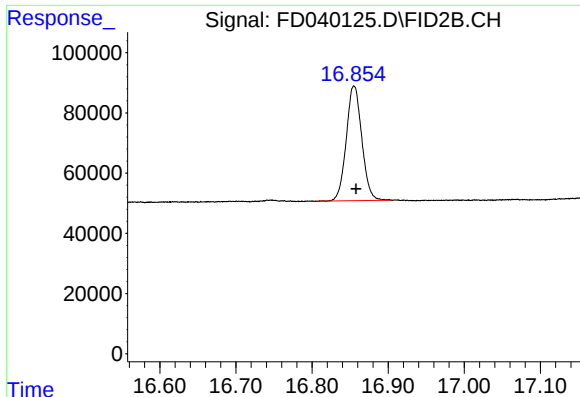
#15 n-Hexacosane (C26)

R.T.: 15.026 min
Delta R.T.: -0.003 min
Response: 600942
Conc: 4.23 ug/ml



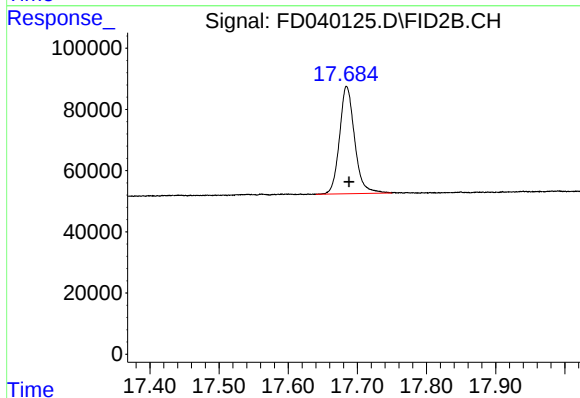
#16 n-Octacosane (C28)

R.T.: 15.971 min
Delta R.T.: -0.003 min
Response: 559278
Conc: 4.16 ug/ml



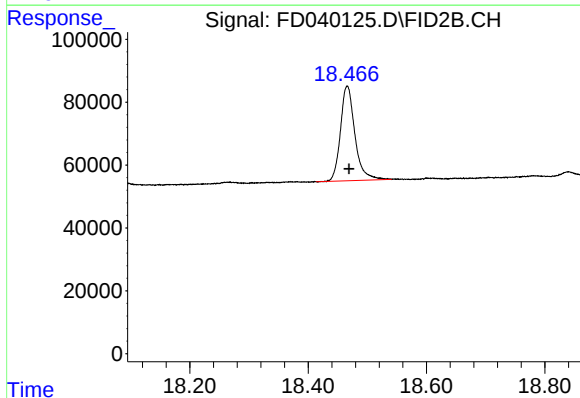
#17 n-Tricontane (C30)

R.T.: 16.855 min
Delta R.T.: -0.003 min
Response: 541441
Conc: 4.37 ug/ml



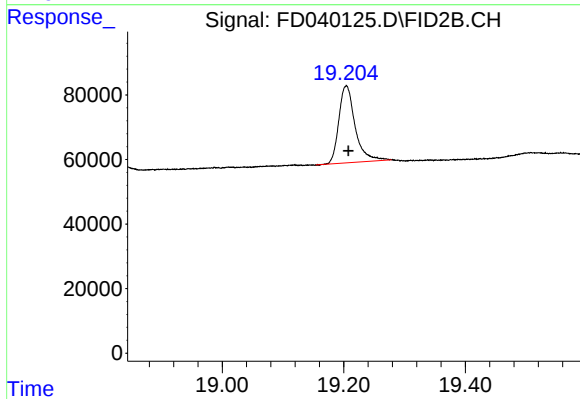
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: -0.003 min
Response: 531348
Conc: 4.63 ug/ml



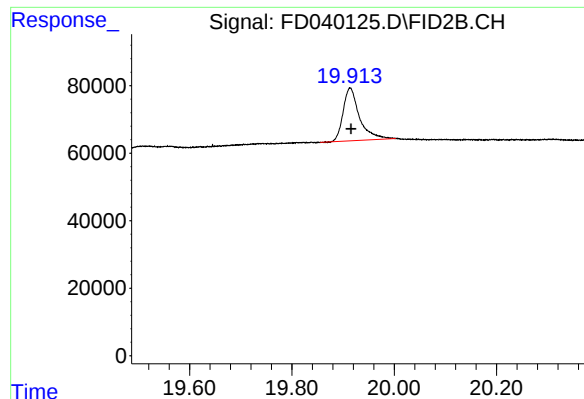
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: -0.003 min
Response: 509703
Conc: 4.53 ug/ml



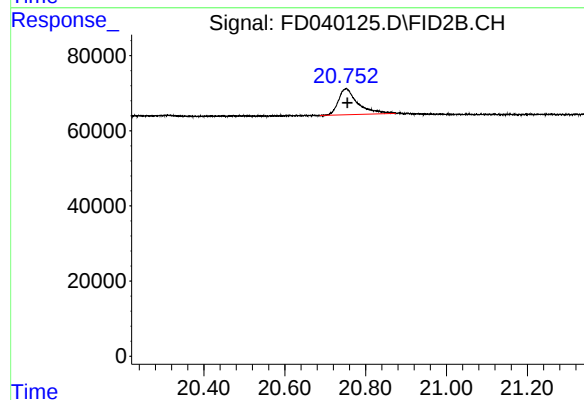
#20 n-Hexatriacontane (C36)

R.T.: 19.204 min
Delta R.T.: -0.004 min
Response: 444776
Conc: 4.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.914 min
Delta R.T.: -0.002 min
Response: 348684
Conc: 3.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.752 min
Delta R.T.: -0.003 min
Response: 231886
Conc: 2.88 ug/ml