

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040124.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 12:36
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 13:20:00 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)	10.726	1621975	10.496 ug/ml
Spiked Amount 50.000		Recovery =	20.99%
12) S 1-chlorooctadecane (S...	12.161	1268553	10.419 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
Target Compounds			
1) T n-Nonane (C9)	2.643	1418768	10.505 ug/ml
2) T n-Decane (C10)	3.640	1430154	10.515 ug/ml
3) T A~Naphthalene (C11.7)	5.182	1604682	10.502 ug/ml
4) T n-Dodecane (C12)	5.617	1421150	10.522 ug/ml
5) T A~2-methylnaphthalene...	6.225	1601610	10.459 ug/ml
6) T n-Tetradecane (C14)	7.397	1418851	10.486 ug/ml
7) T n-Hexadecane (C16)	8.986	1429992	10.440 ug/ml
8) T n-Octadecane (C18)	10.420	1495295	10.466 ug/ml
10) T n-Eicosane (C20)	11.721	1505963	10.443 ug/ml
11) T n-Heneicosane (C21)	12.331	1528374	10.446 ug/ml
13) T n-Docosane (C22)	12.915	1535598	10.477 ug/ml
14) T n-Tetracosane (C24)	14.012	1541989	10.375 ug/ml
15) T n-Hexacosane (C26)	15.028	1459287	10.267 ug/ml
16) T n-Octacosane (C28)	15.972	1352088	10.062 ug/ml
17) T n-Tricontane (C30)	16.856	1250219	10.096 ug/ml
18) T n-Dotriacontane (C32)	17.686	1184710	10.315 ug/ml
19) T n-Tetratriacontane (C34)	18.467	1167431	10.387 ug/ml
20) T n-Hexatriacontane (C36)	19.205	1105787	10.370 ug/ml
21) T n-Octatriacontane (C38)	19.914	970670	9.518 ug/ml
22) T n-Tetracontane (C40)	20.749	661885	8.209 ug/ml

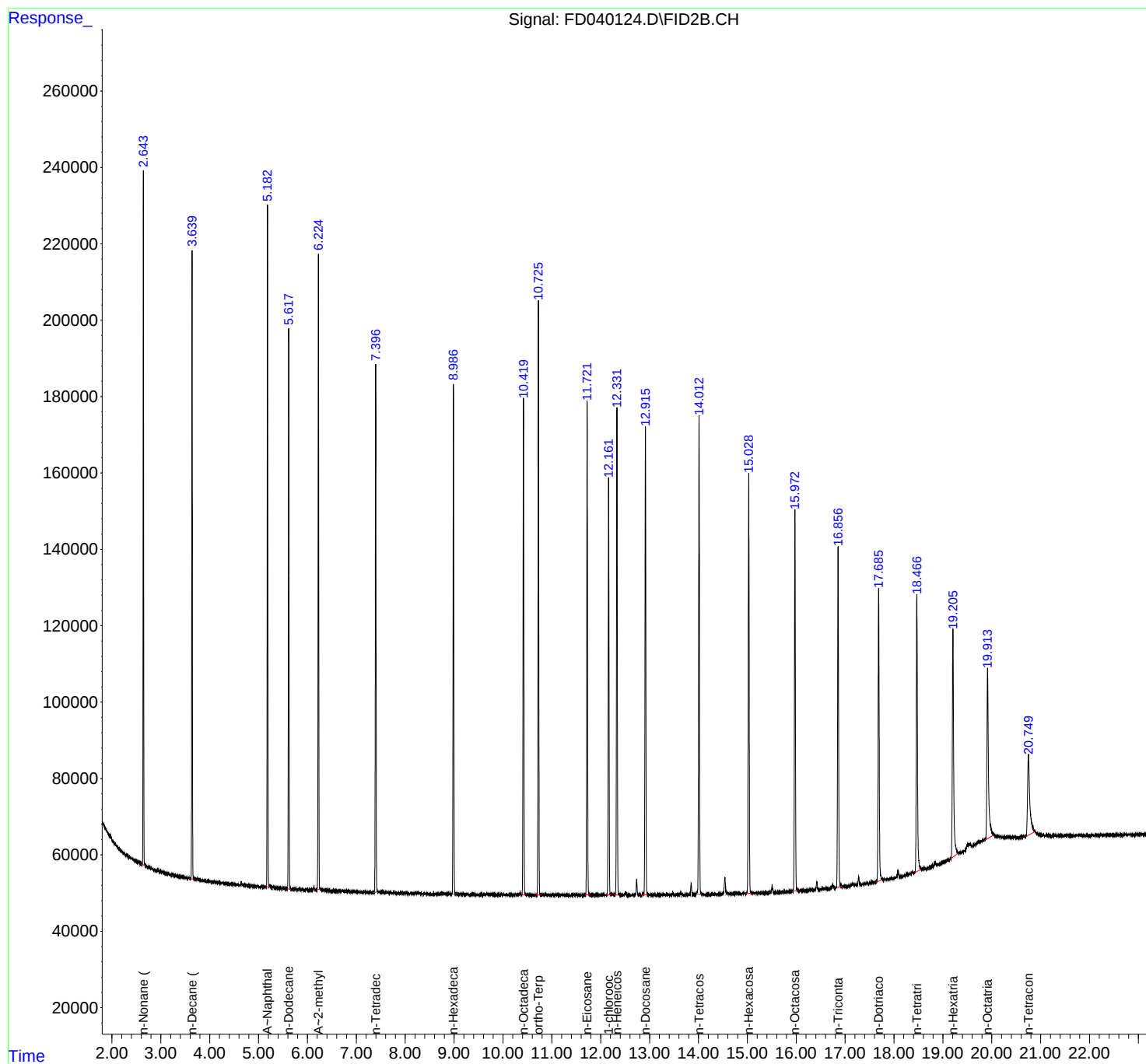
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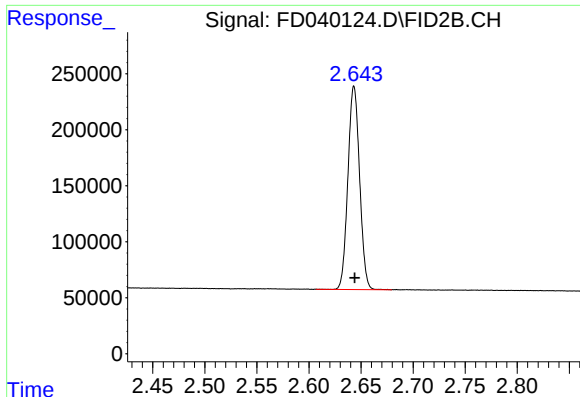
(m)=manual int.

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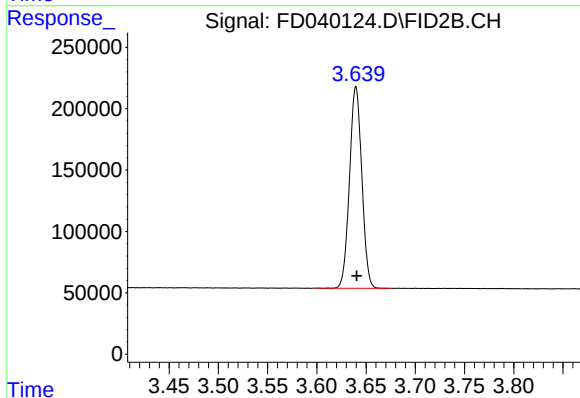
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Signal Info : 20M x 0.18mm x 0.18um





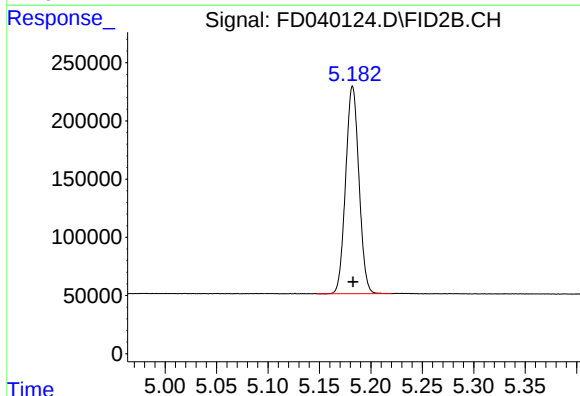
#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.000 min
Response: 1418768
Conc: 10.51 ug/ml



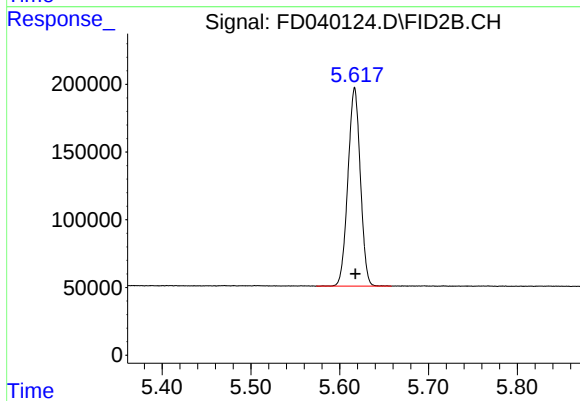
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 1430154
Conc: 10.51 ug/ml



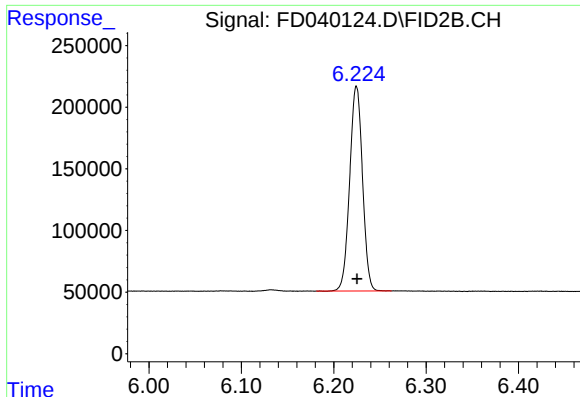
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1604682
Conc: 10.50 ug/ml



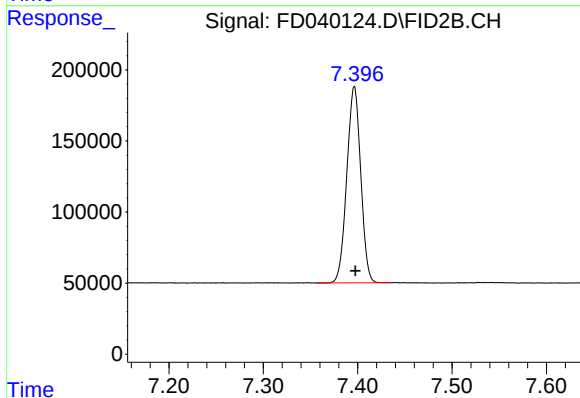
#4 n-Dodecane (C12)

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 1421150
Conc: 10.52 ug/ml



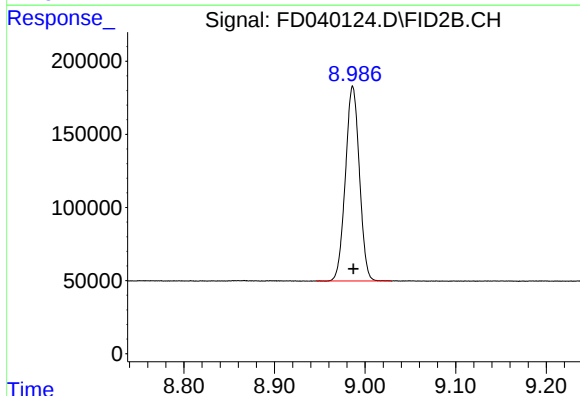
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 1601610
Conc: 10.46 ug/ml



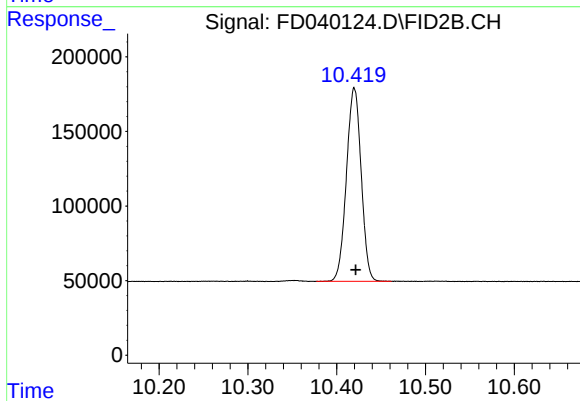
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: -0.001 min
Response: 1418851
Conc: 10.49 ug/ml



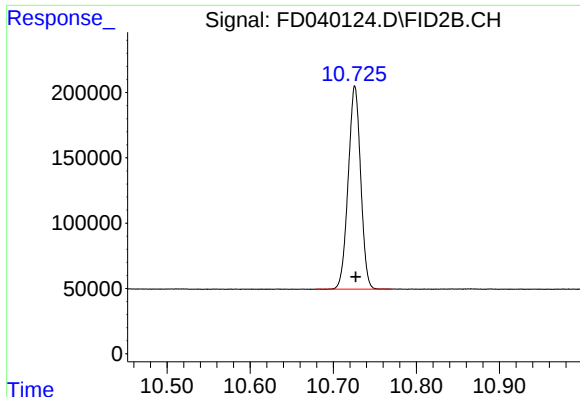
#7 n-Hexadecane (C16)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 1429992
Conc: 10.44 ug/ml



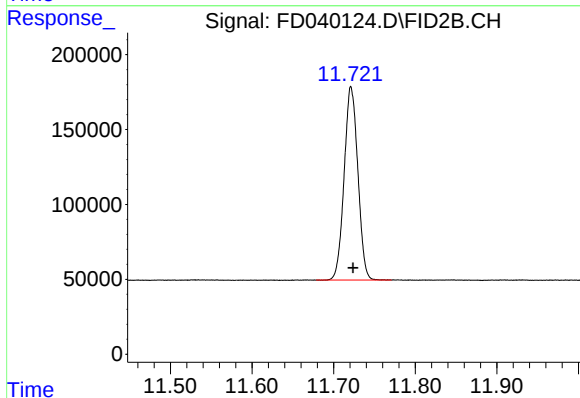
#8 n-Octadecane (C18)

R.T.: 10.420 min
Delta R.T.: -0.001 min
Response: 1495295
Conc: 10.47 ug/ml



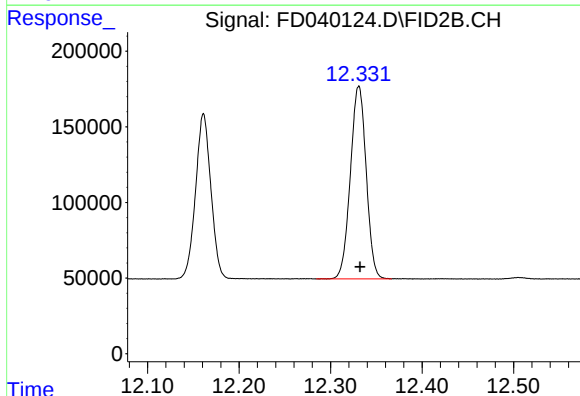
#9 ortho-Terphenyl (SURR)

R.T.: 10.726 min
Delta R.T.: -0.001 min
Response: 1621975
Conc: 10.50 ug/ml



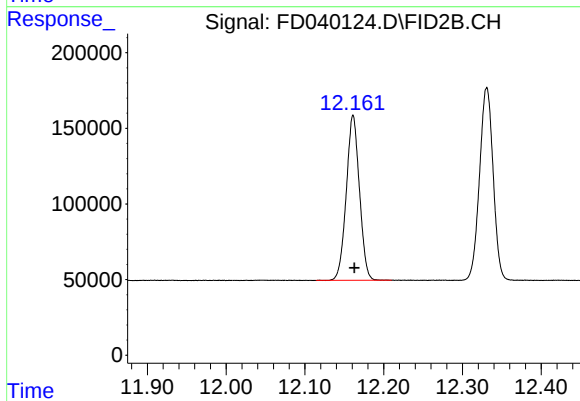
#10 n-Eicosane (C20)

R.T.: 11.721 min
Delta R.T.: -0.002 min
Response: 1505963
Conc: 10.44 ug/ml



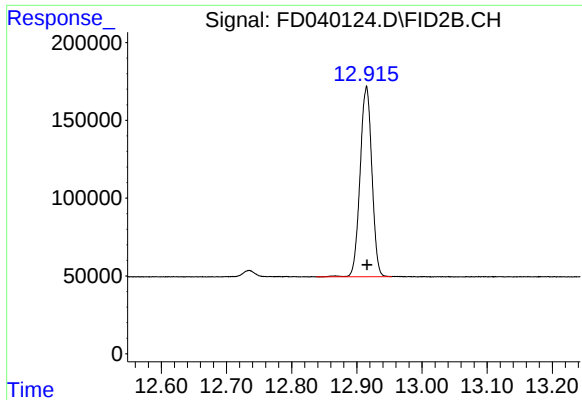
#11 n-Heneicosane (C21)

R.T.: 12.331 min
Delta R.T.: -0.001 min
Response: 1528374
Conc: 10.45 ug/ml



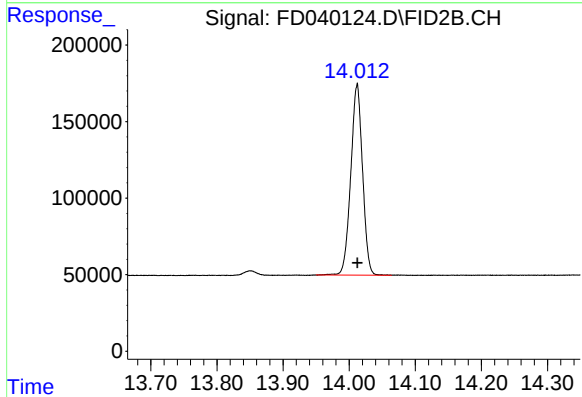
#12 1-chlorooctadecane (SURR)

R.T.: 12.161 min
Delta R.T.: -0.002 min
Response: 1268553
Conc: 10.42 ug/ml



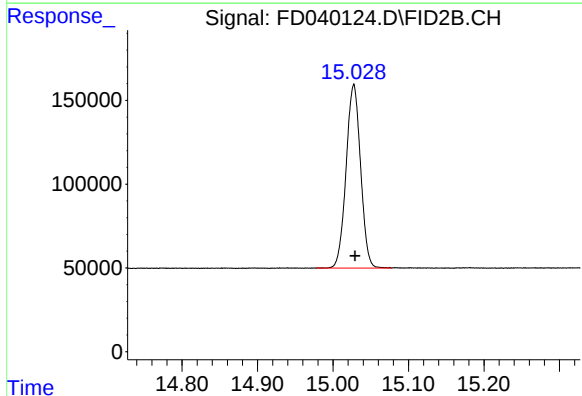
#13 n-Docosane (C22)

R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 1535598
Conc: 10.48 ug/ml



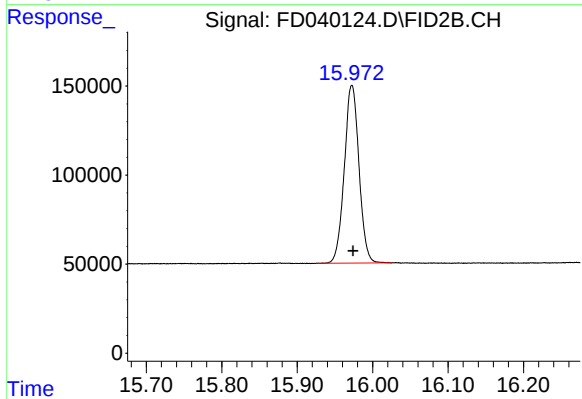
#14 n-Tetracosane (C24)

R.T.: 14.012 min
Delta R.T.: 0.000 min
Response: 1541989
Conc: 10.37 ug/ml



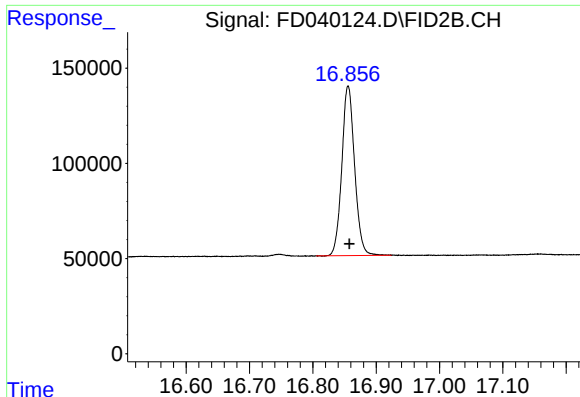
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: -0.002 min
Response: 1459287
Conc: 10.27 ug/ml



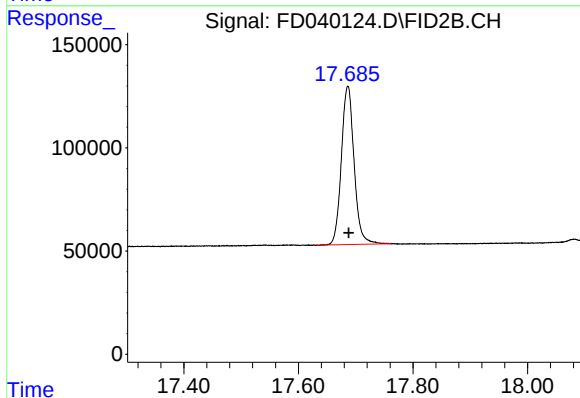
#16 n-Octacosane (C28)

R.T.: 15.972 min
Delta R.T.: -0.002 min
Response: 1352088
Conc: 10.06 ug/ml



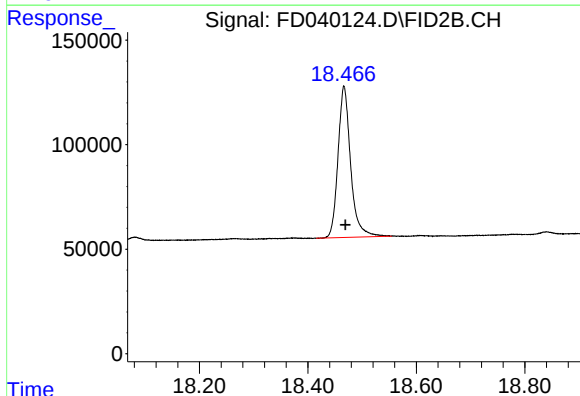
#17 n-Tricontane (C30)

R.T.: 16.856 min
Delta R.T.: -0.002 min
Response: 1250219
Conc: 10.10 ug/ml



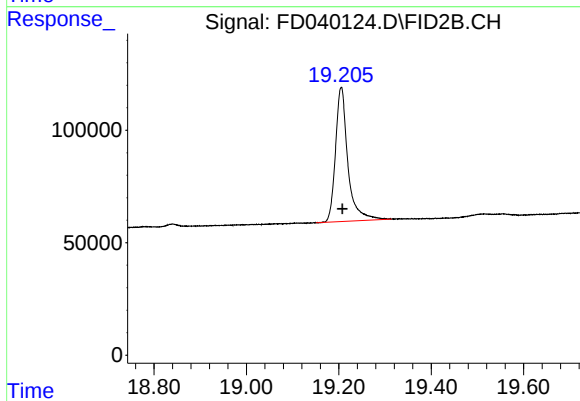
#18 n-Dotriacontane (C32)

R.T.: 17.686 min
Delta R.T.: -0.001 min
Response: 1184710
Conc: 10.31 ug/ml



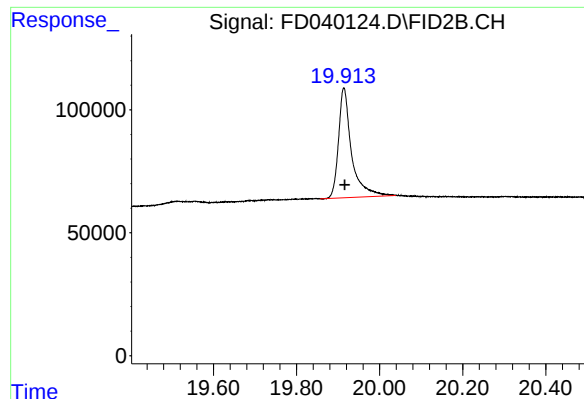
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: -0.003 min
Response: 1167431
Conc: 10.39 ug/ml



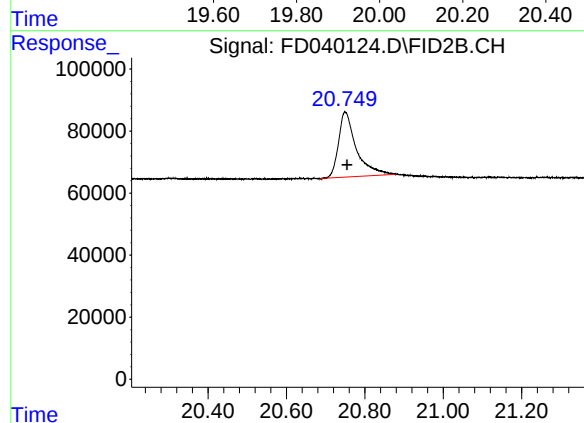
#20 n-Hexatriacontane (C36)

R.T.: 19.205 min
Delta R.T.: -0.002 min
Response: 1105787
Conc: 10.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.914 min
Delta R.T.: -0.002 min
Response: 970670
Conc: 9.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.749 min
Delta R.T.: -0.006 min
Response: 661885
Conc: 8.21 ug/ml