

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040122.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 11:29
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 13:17:13 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)	10.732	7241062	46.858 ug/ml
Spiked Amount 50.000		Recovery =	93.72%
12) S 1-chlorooctadecane (S...	12.166	5714186	46.932 ug/ml
Spiked Amount 50.000		Recovery =	93.86%
Target Compounds			
1) T n-Nonane (C9)	2.645	6302425	46.667 ug/ml
2) T n-Decane (C10)	3.642	6343289	46.637 ug/ml
3) T A~Naphthalene (C11.7)	5.185	7143624	46.751 ug/ml
4) T n-Dodecane (C12)	5.620	6315707	46.762 ug/ml
5) T A~2-methylnaphthalene...	6.228	7196349	46.993 ug/ml
6) T n-Tetradecane (C14)	7.400	6346403	46.901 ug/ml
7) T n-Hexadecane (C16)	8.990	6437952	47.004 ug/ml
8) T n-Octadecane (C18)	10.425	6702028	46.909 ug/ml
10) T n-Eicosane (C20)	11.727	6738897	46.733 ug/ml
11) T n-Heneicosane (C21)	12.336	6830969	46.688 ug/ml
13) T n-Docosane (C22)	12.920	6804796	46.428 ug/ml
14) T n-Tetracosane (C24)	14.016	6822461	45.902 ug/ml
15) T n-Hexacosane (C26)	15.033	6577611	46.280 ug/ml
16) T n-Octacosane (C28)	15.978	6300008	46.884 ug/ml
17) T n-Tricontane (C30)	16.861	5865316	47.365 ug/ml
18) T n-Dotriacontane (C32)	17.691	5402050	47.033 ug/ml
19) T n-Tetratriacontane (C34)	18.472	5218356	46.429 ug/ml
20) T n-Hexatriacontane (C36)	19.209	4987027	46.769 ug/ml
21) T n-Octatriacontane (C38)	19.918	4859078	47.645 ug/ml
22) T n-Tetracontane (C40)	20.757	4275111	53.019 ug/ml

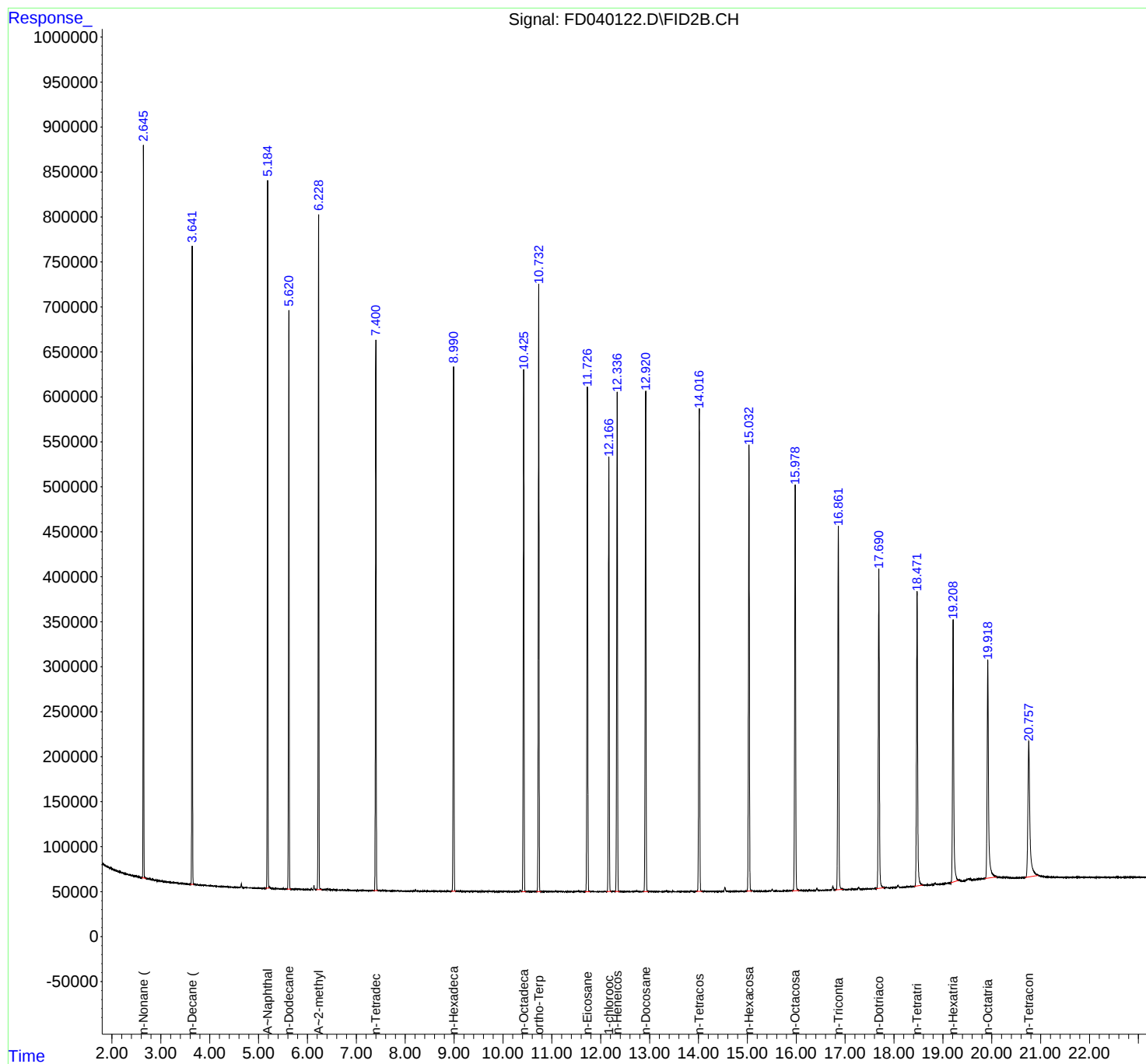
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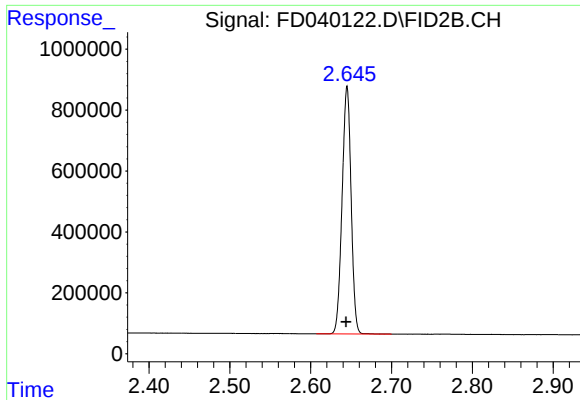
(m)=manual int.

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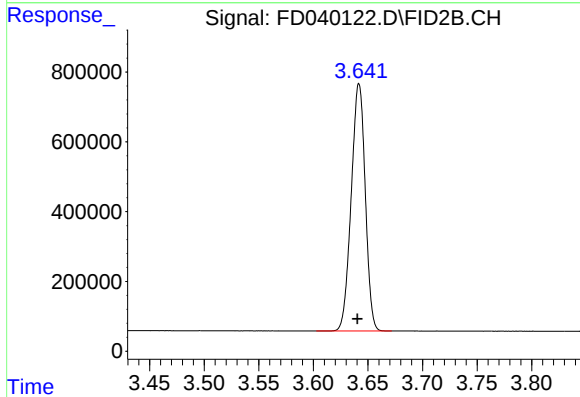
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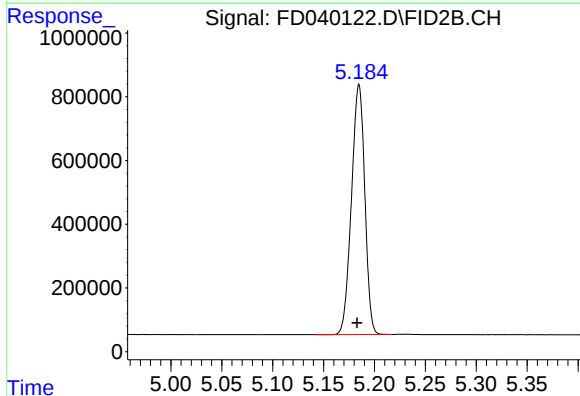
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: 0.001 min
Response: 6302425
Conc: 46.67 ug/ml



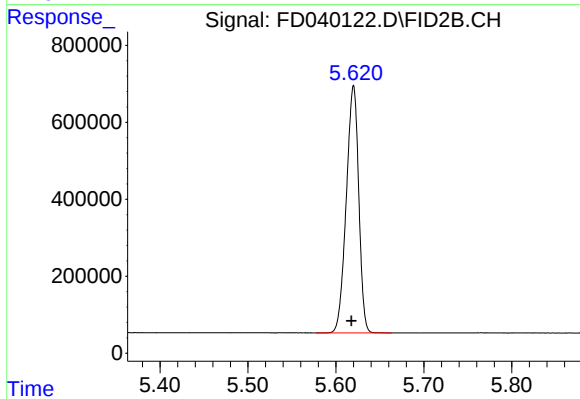
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.001 min
Response: 6343289
Conc: 46.64 ug/ml



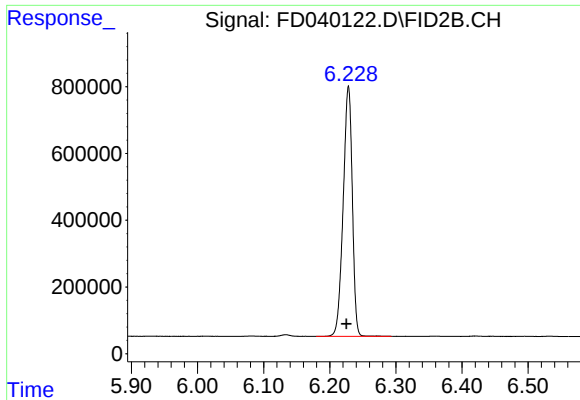
#3 A~Naphthalene (C11.7)

R.T.: 5.185 min
Delta R.T.: 0.002 min
Response: 7143624
Conc: 46.75 ug/ml



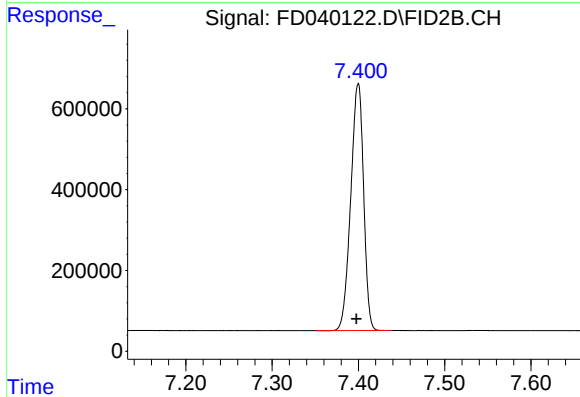
#4 n-Dodecane (C12)

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 6315707
Conc: 46.76 ug/ml



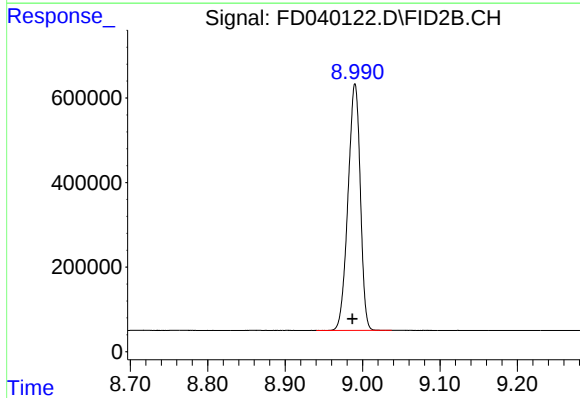
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.228 min
Delta R.T.: 0.003 min
Response: 7196349
Conc: 46.99 ug/ml



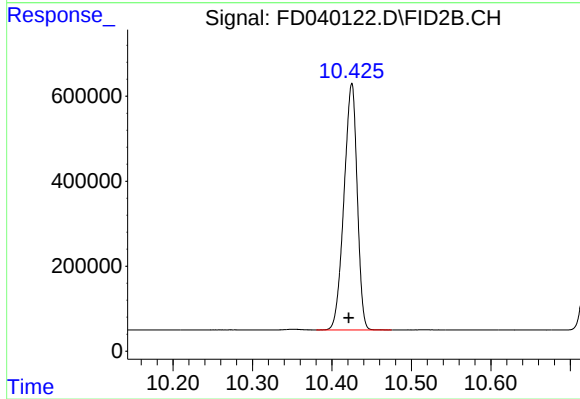
#6 n-Tetradecane (C14)

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 6346403
Conc: 46.90 ug/ml



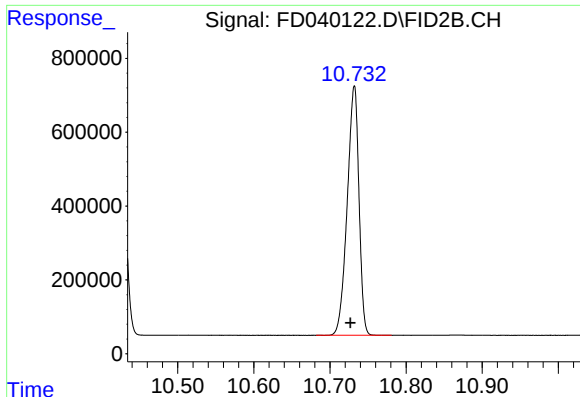
#7 n-Hexadecane (C16)

R.T.: 8.990 min
Delta R.T.: 0.003 min
Response: 6437952
Conc: 47.00 ug/ml



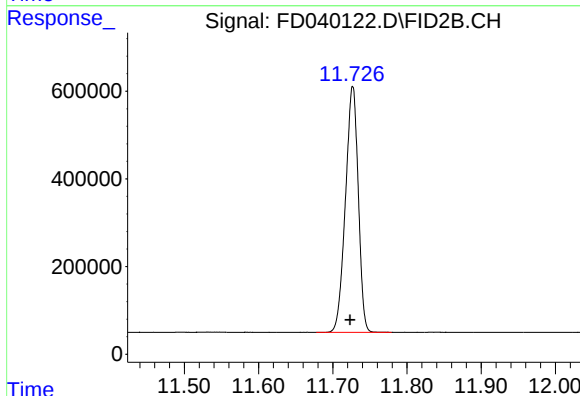
#8 n-Octadecane (C18)

R.T.: 10.425 min
Delta R.T.: 0.004 min
Response: 6702028
Conc: 46.91 ug/ml



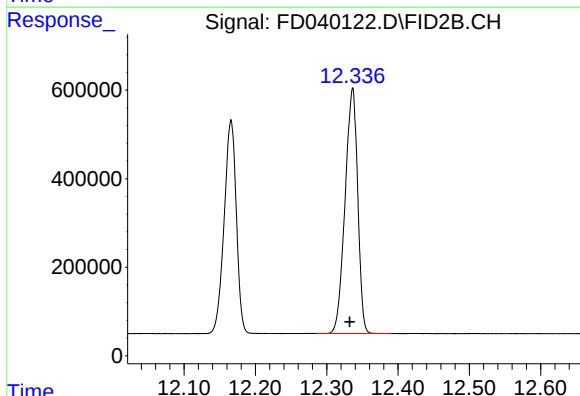
#9 ortho-Terphenyl (SURR)

R.T.: 10.732 min
Delta R.T.: 0.005 min
Response: 7241062
Conc: 46.86 ug/ml



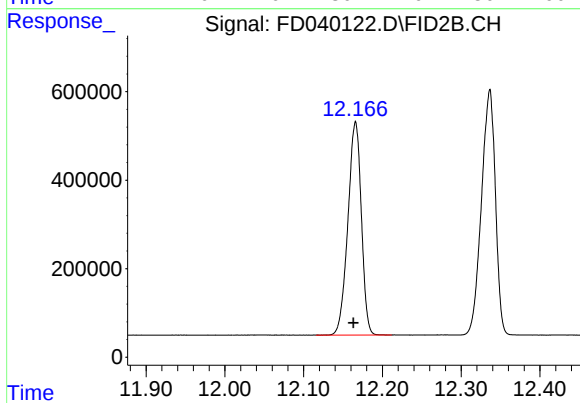
#10 n-Eicosane (C20)

R.T.: 11.727 min
Delta R.T.: 0.003 min
Response: 6738897
Conc: 46.73 ug/ml



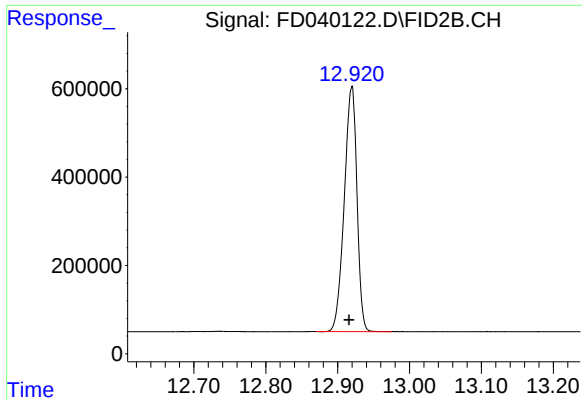
#11 n-Heneicosane (C21)

R.T.: 12.336 min
Delta R.T.: 0.004 min
Response: 6830969
Conc: 46.69 ug/ml



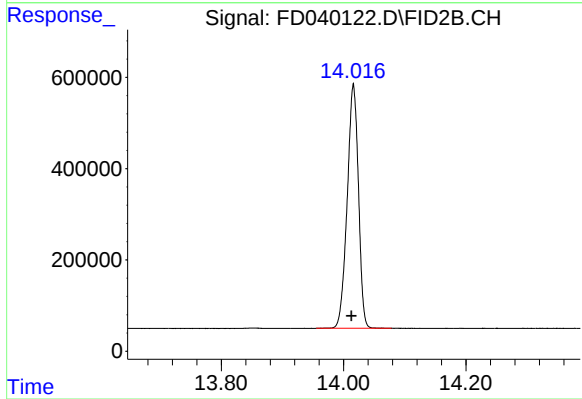
#12 1-chlorooctadecane (SURR)

R.T.: 12.166 min
Delta R.T.: 0.003 min
Response: 5714186
Conc: 46.93 ug/ml



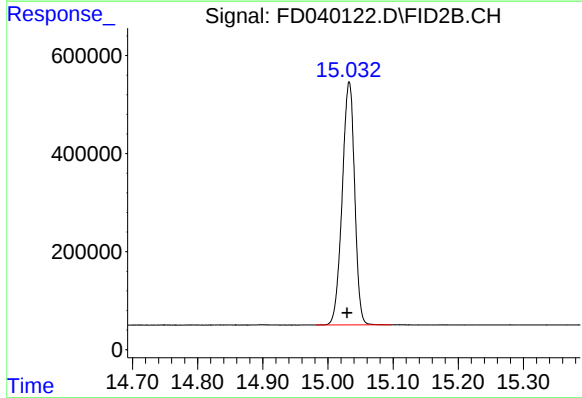
#13 n-Docosane (C22)

R.T.: 12.920 min
Delta R.T.: 0.004 min
Response: 6804796
Conc: 46.43 ug/ml



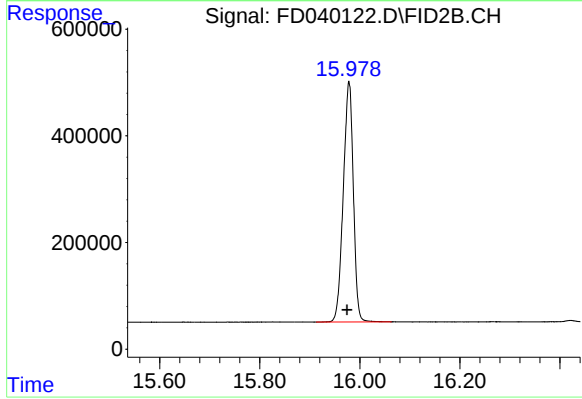
#14 n-Tetracosane (C24)

R.T.: 14.016 min
Delta R.T.: 0.003 min
Response: 6822461
Conc: 45.90 ug/ml



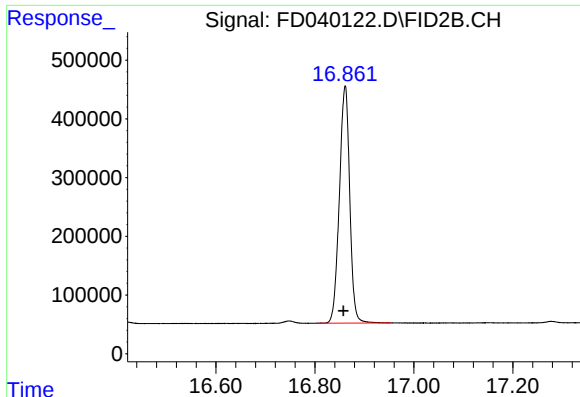
#15 n-Hexacosane (C26)

R.T.: 15.033 min
Delta R.T.: 0.003 min
Response: 6577611
Conc: 46.28 ug/ml



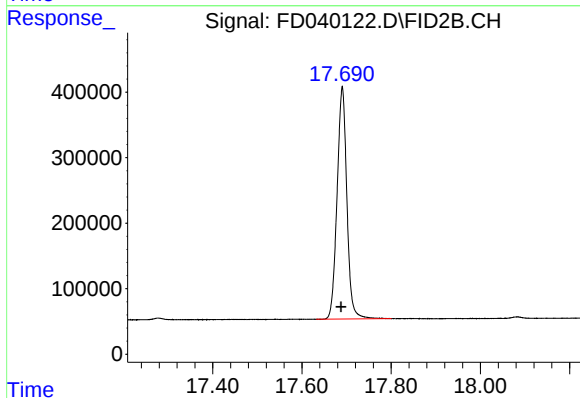
#16 n-Octacosane (C28)

R.T.: 15.978 min
Delta R.T.: 0.004 min
Response: 6300008
Conc: 46.88 ug/ml



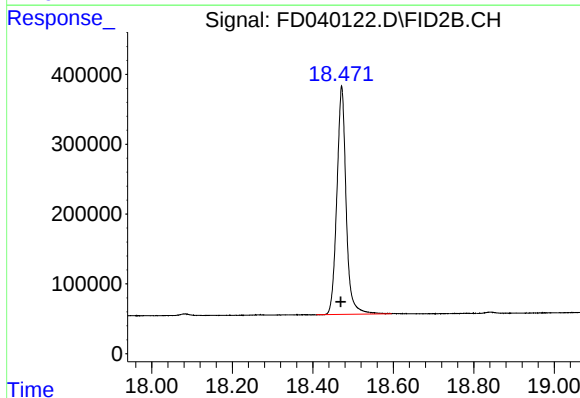
#17 n-Tricontane (C30)

R.T.: 16.861 min
Delta R.T.: 0.003 min
Response: 5865316
Conc: 47.37 ug/ml



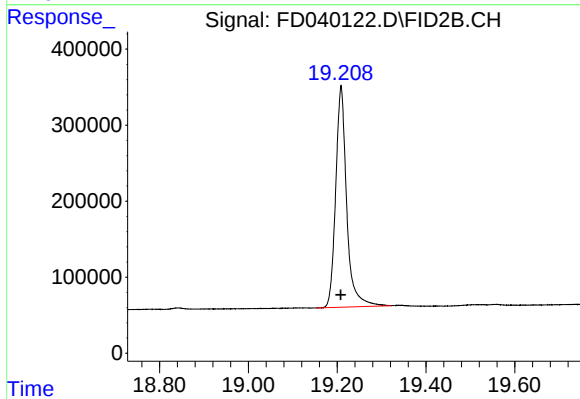
#18 n-Dotriacontane (C32)

R.T.: 17.691 min
Delta R.T.: 0.003 min
Response: 5402050
Conc: 47.03 ug/ml



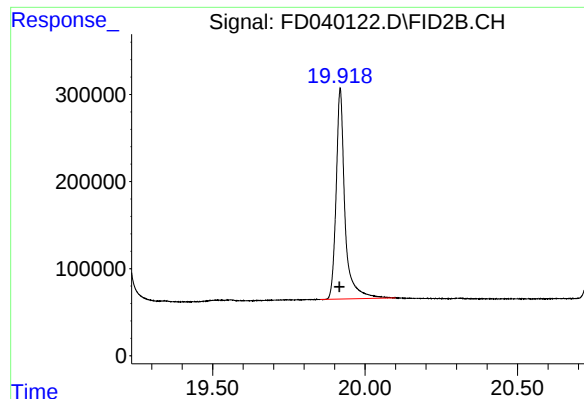
#19 n-Tetratriacontane (C34)

R.T.: 18.472 min
Delta R.T.: 0.003 min
Response: 5218356
Conc: 46.43 ug/ml



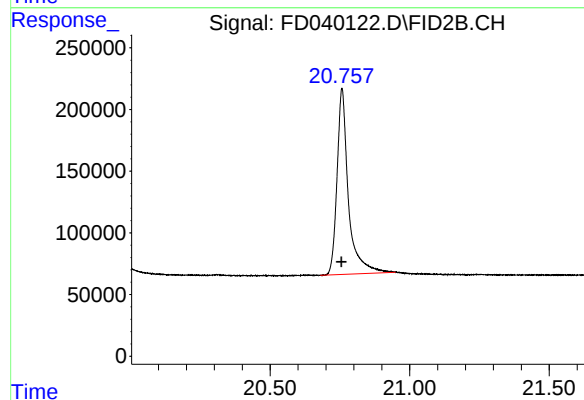
#20 n-Hexatriacontane (C36)

R.T.: 19.209 min
Delta R.T.: 0.001 min
Response: 4987027
Conc: 46.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.918 min
Delta R.T.: 0.003 min
Response: 4859078
Conc: 47.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.757 min
Delta R.T.: 0.003 min
Response: 4275111
Conc: 53.02 ug/ml