

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040238.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 3:14
 Operator : AJ\MA
 Sample : M5178-01MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 05:13:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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	5360203	34.407 ug/ml
Spiked Amount 50.000		Recovery =	68.81%
12) S 1-chlorooctadecane (S...	12.158	4214652	34.948 ug/ml
Spiked Amount 50.000		Recovery =	69.90%
Target Compounds			
1) T n-Nonane (C9)	2.646	4517566	34.425 ug/ml
2) T n-Decane (C10)	3.641	5095208	38.493 ug/ml
3) T A~Naphthalene (C11.7)	5.182	6358394	43.092 ug/ml
4) T n-Dodecane (C12)	5.614	5657459	42.599 ug/ml
5) T A~2-methylnaphthalene...	6.225	6665272	44.918 ug/ml
6) T n-Tetradecane (C14)	7.395	6467630	46.781 ug/ml
7) T n-Hexadecane (C16)	8.984	7041978	51.358 ug/ml
8) T n-Octadecane (C18)	10.418	7020839	49.717 ug/ml
10) T n-Eicosane (C20)	11.720	6911238	49.434 ug/ml
11) T n-Heneicosane (C21)	12.328	6771517	47.860 ug/ml
13) T n-Docosane (C22)	12.912	6745248	48.064 ug/ml
14) T n-Tetracosane (C24)	14.009	6434493	45.828 ug/ml
15) T n-Hexacosane (C26)	15.027	6275435	45.638 ug/ml
16) T n-Octacosane (C28)	15.973	6501759	47.795 ug/ml
17) T n-Tricontane (C30)	16.858	6046216	45.179 ug/ml
18) T n-Dotriacontane (C32)	17.685	5711445	44.123 ug/ml
19) T n-Tetratriacontane (C34)	18.466	5338163	44.028 ug/ml
20) T n-Hexatriacontane (C36)	19.204	4322751	40.563 ug/ml
21) T n-Octatriacontane (C38)	19.910	4037008	43.716 ug/ml
22) T n-Tetracontane (C40)	20.746	4381606	56.272 ug/ml

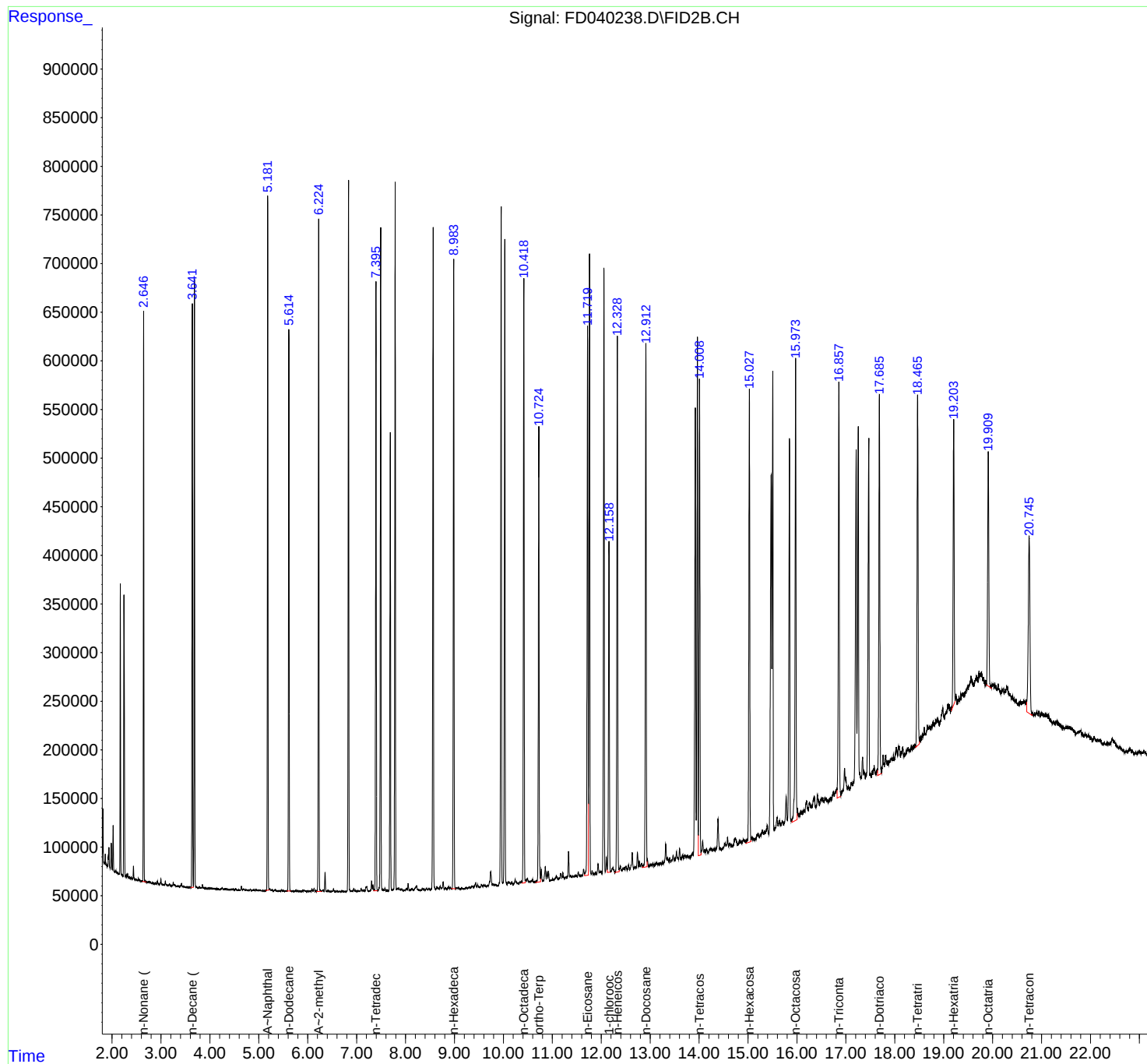
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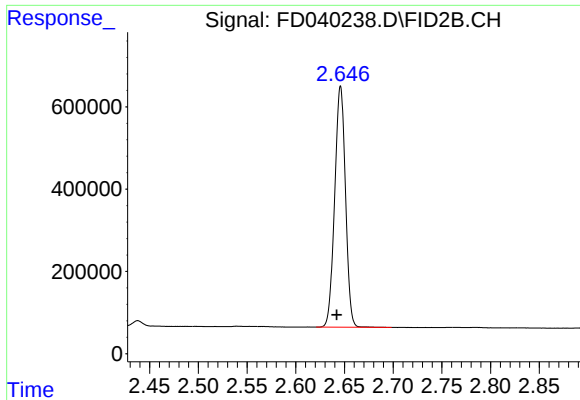
(m)=manual int.

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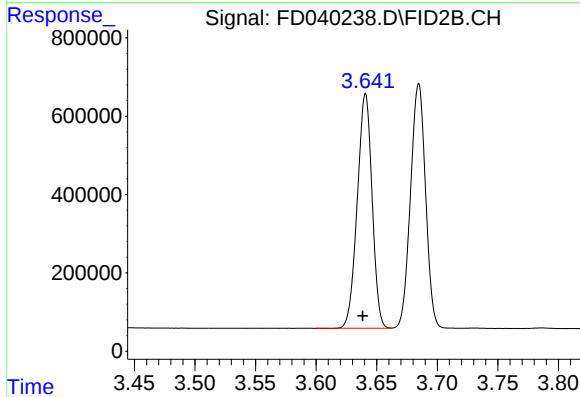
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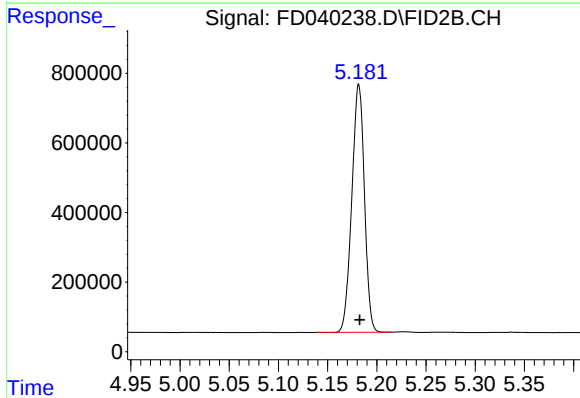
#1 n-Nonane (C9)

R.T.: 2.646 min
Delta R.T.: 0.004 min
Response: 4517566
Conc: 34.42 ug/ml



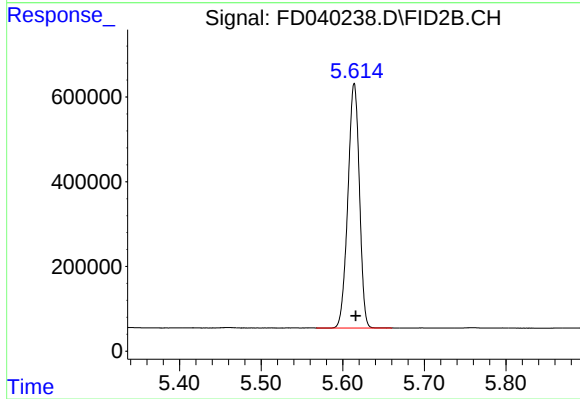
#2 n-Decane (C10)

R.T.: 3.641 min
Delta R.T.: 0.002 min
Response: 5095208
Conc: 38.49 ug/ml



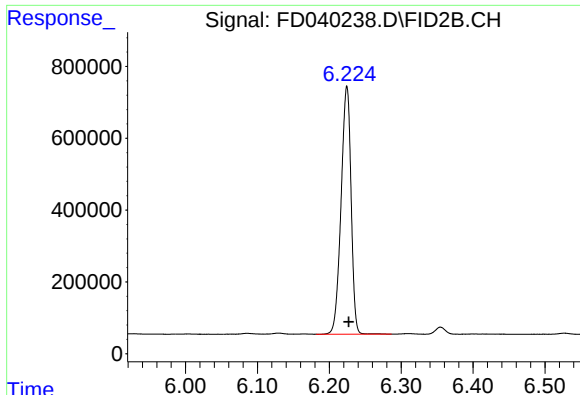
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 6358394
Conc: 43.09 ug/ml



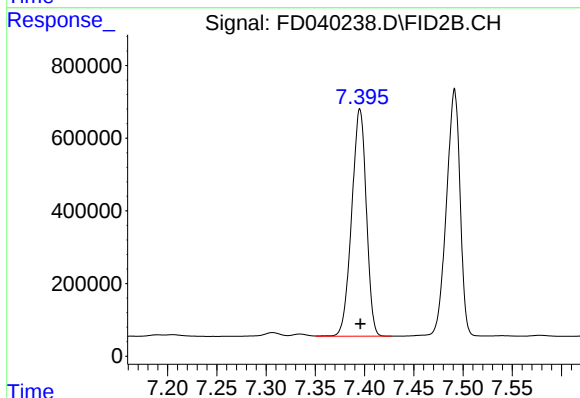
#4 n-Dodecane (C12)

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 5657459
Conc: 42.60 ug/ml



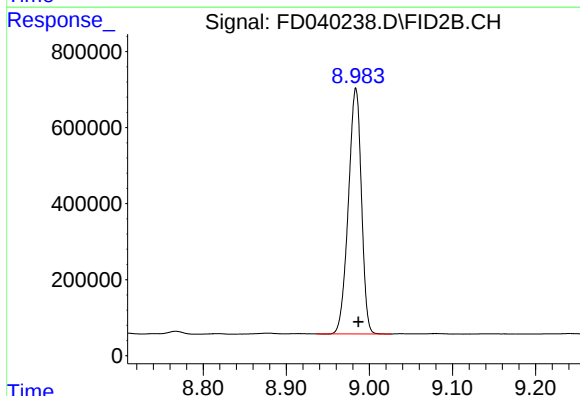
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 6665272
Conc: 44.92 ug/ml



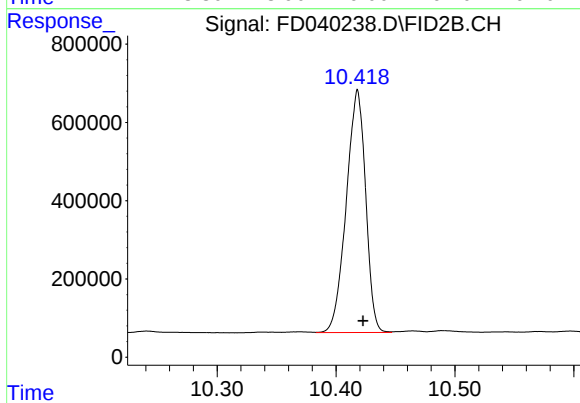
#6 n-Tetradecane (C14)

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 6467630
Conc: 46.78 ug/ml



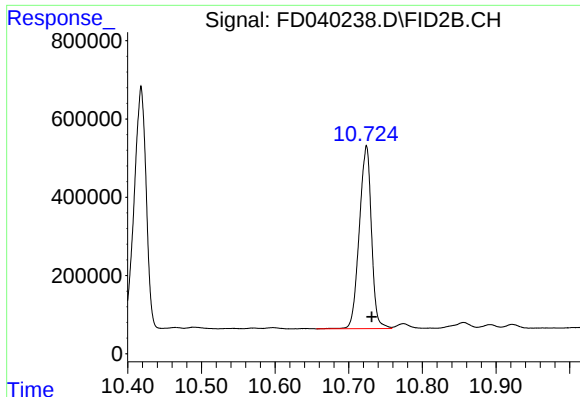
#7 n-Hexadecane (C16)

R.T.: 8.984 min
Delta R.T.: -0.003 min
Response: 7041978
Conc: 51.36 ug/ml



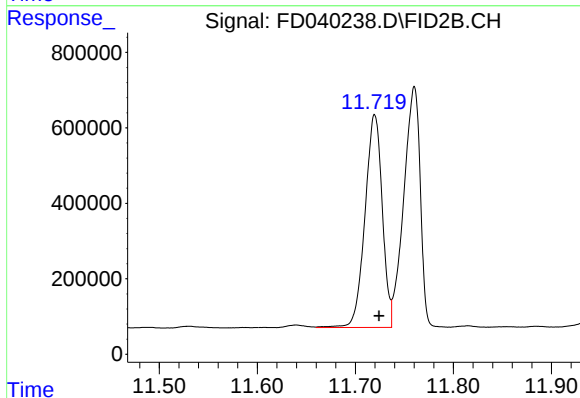
#8 n-Octadecane (C18)

R.T.: 10.418 min
Delta R.T.: -0.005 min
Response: 7020839
Conc: 49.72 ug/ml



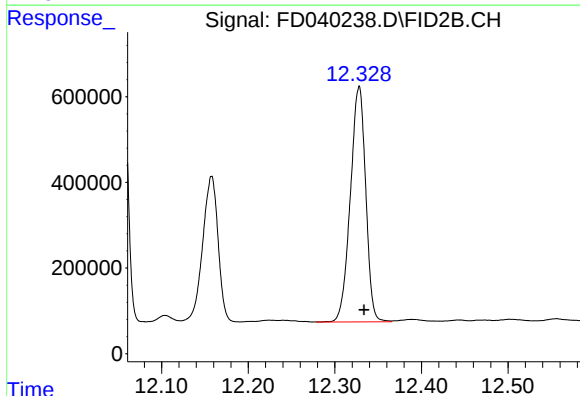
#9 ortho-Terphenyl (SURR)

R.T.: 10.724 min
Delta R.T.: -0.007 min
Response: 5360203
Conc: 34.41 ug/ml



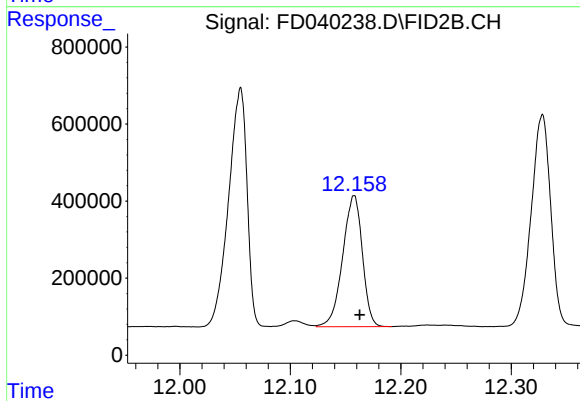
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: -0.004 min
Response: 6911238
Conc: 49.43 ug/ml



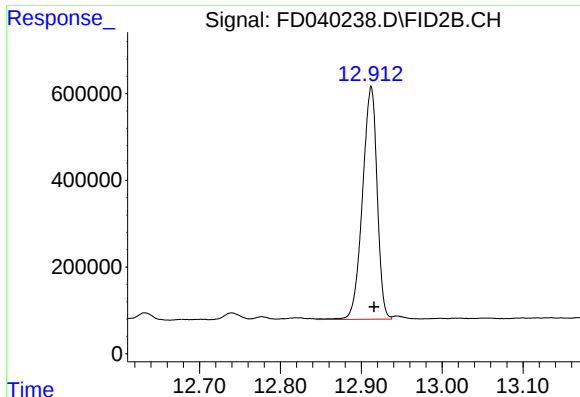
#11 n-Heneicosane (C21)

R.T.: 12.328 min
Delta R.T.: -0.006 min
Response: 6771517
Conc: 47.86 ug/ml



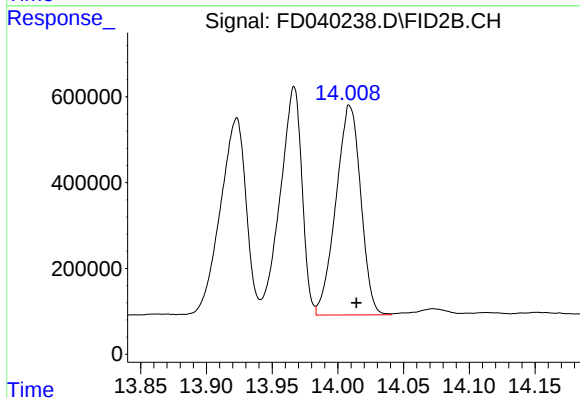
#12 1-chlorooctadecane (SURR)

R.T.: 12.158 min
Delta R.T.: -0.005 min
Response: 4214652
Conc: 34.95 ug/ml



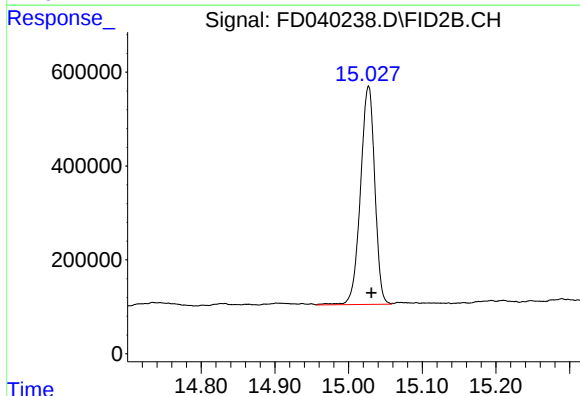
#13 n-Docosane (C22)

R.T.: 12.912 min
Delta R.T.: -0.003 min
Response: 6745248
Conc: 48.06 ug/ml



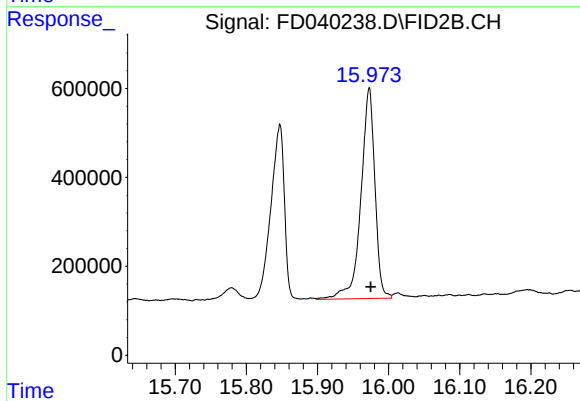
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: -0.005 min
Response: 6434493
Conc: 45.83 ug/ml



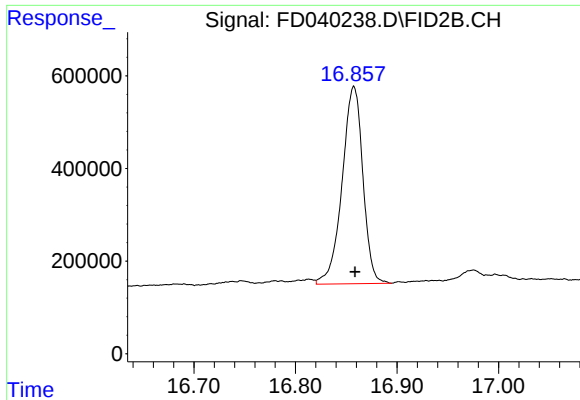
#15 n-Hexacosane (C26)

R.T.: 15.027 min
Delta R.T.: -0.004 min
Response: 6275435
Conc: 45.64 ug/ml



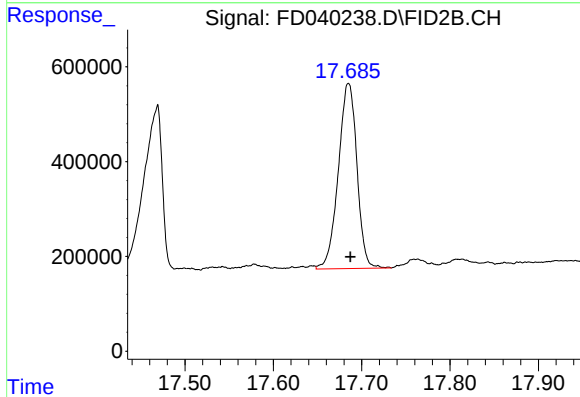
#16 n-Octacosane (C28)

R.T.: 15.973 min
Delta R.T.: -0.002 min
Response: 6501759
Conc: 47.79 ug/ml



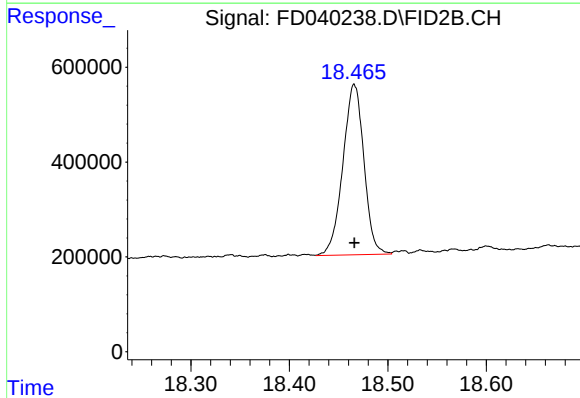
#17 n-Tricontane (C30)

R.T.: 16.858 min
Delta R.T.: -0.001 min
Response: 6046216
Conc: 45.18 ug/ml



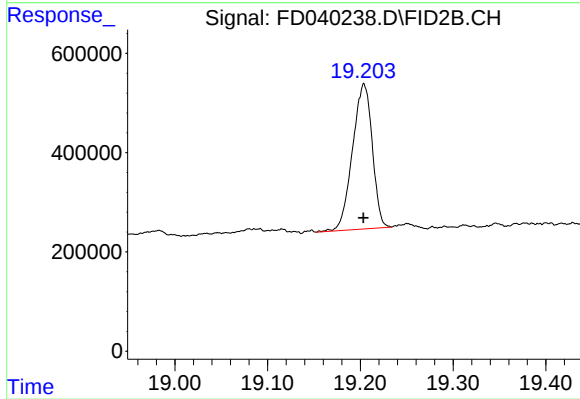
#18 n-Dotriacontane (C32)

R.T.: 17.685 min
Delta R.T.: -0.002 min
Response: 5711445
Conc: 44.12 ug/ml



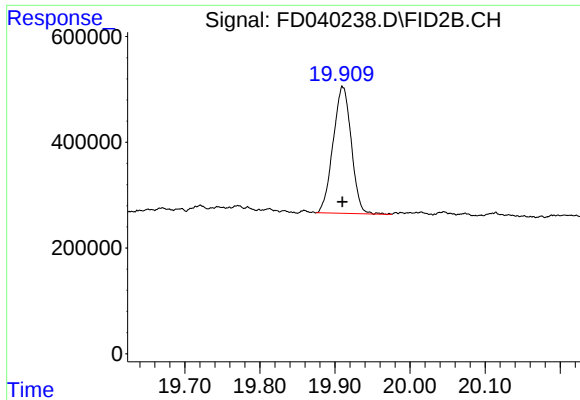
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: 0.000 min
Response: 5338163
Conc: 44.03 ug/ml



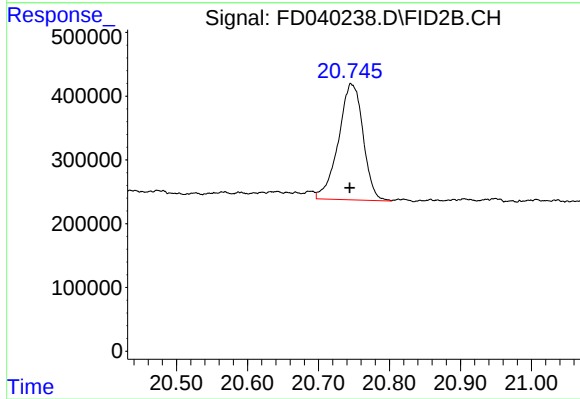
#20 n-Hexatriacontane (C36)

R.T.: 19.204 min
Delta R.T.: 0.000 min
Response: 4322751
Conc: 40.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.910 min
Delta R.T.: 0.000 min
Response: 4037008
Conc: 43.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.746 min
Delta R.T.: 0.002 min
Response: 4381606
Conc: 56.27 ug/ml