

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039299.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 14:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 14:36:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.675	2620471	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.102	2116319	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.435	2432667	20.922 ug/ml
2) T n-Decane (C10)	4.503	2450942	20.964 ug/ml
3) T A~Naphthalene (C11.7)	6.096	2716882	21.081 ug/ml
4) T n-Dodecane (C12)	6.518	2491237	21.054 ug/ml
5) T A~2-methylnaphthalene...	7.151	2777144	21.146 ug/ml
6) T n-Tetradecane (C14)	8.311	2490281	21.128 ug/ml
7) T n-Hexadecane (C16)	9.910	2524344	21.066 ug/ml
8) T n-Octadecane (C18)	11.350	2555290	20.879 ug/ml
10) T n-Eicosane (C20)	12.656	2542108	20.612 ug/ml
11) T n-Heneicosane (C21)	13.267	2558786	20.433 ug/ml
13) T n-Docosane (C22)	13.852	2527849	20.352 ug/ml
14) T n-Tetracosane (C24)	14.951	2466953	19.873 ug/ml
15) T n-Hexacosane (C26)	15.969	2388430	19.443 ug/ml
16) T n-Octacosane (C28)	16.915	2213280	19.011 ug/ml
17) T n-Tricontane (C30)	17.800	2211195	18.772 ug/ml
18) T n-Dotriacontane (C32)	18.630	2138290	18.702 ug/ml
19) T n-Tetratriacontane (C34)	19.411	2002152	18.889 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1982678	19.463 ug/ml
21) T n-Octatriacontane (C38)	20.890	2013706	20.984 ug/ml
22) T n-Tetracontane (C40)	21.818	1979808	21.460 ug/ml

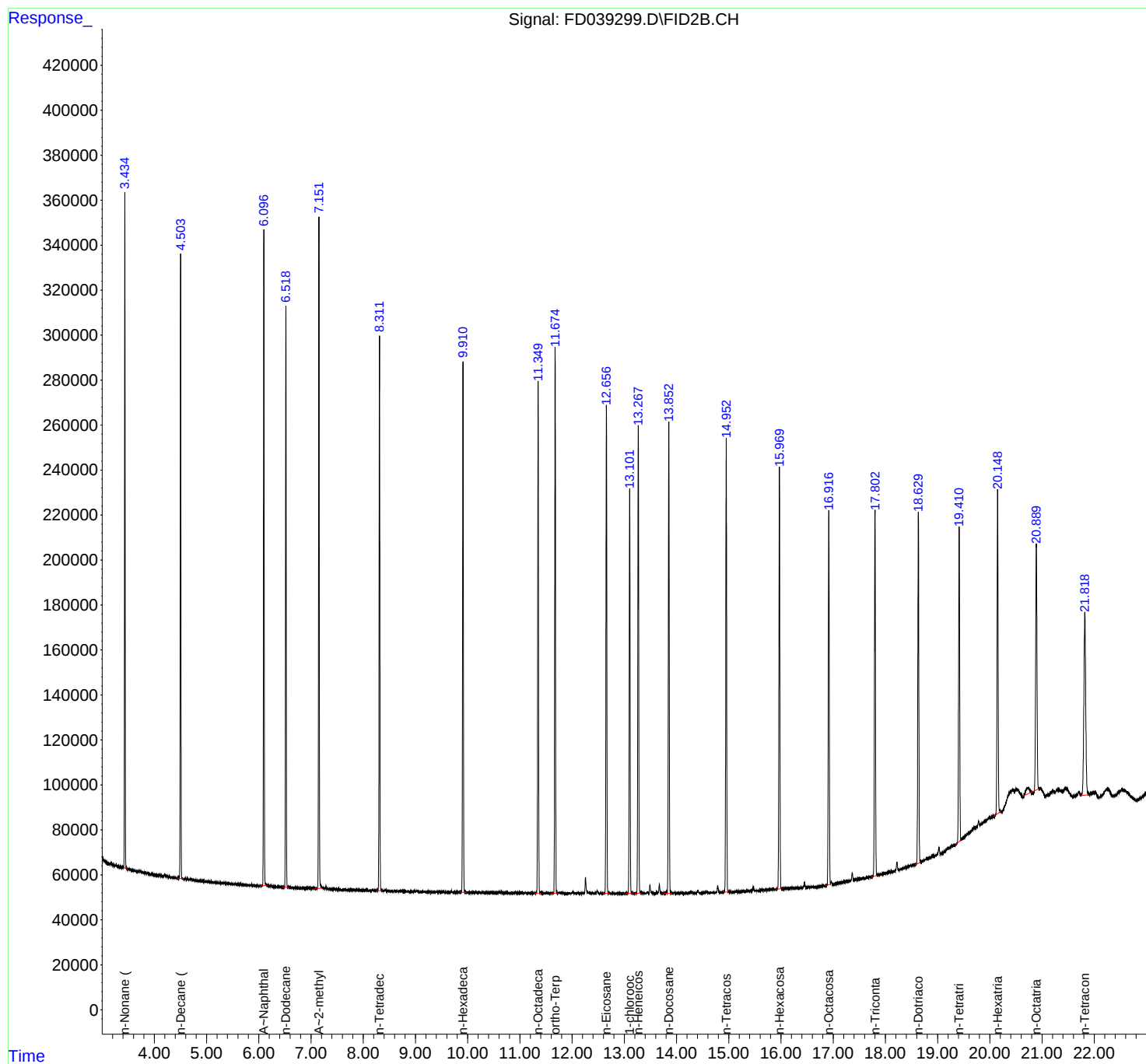
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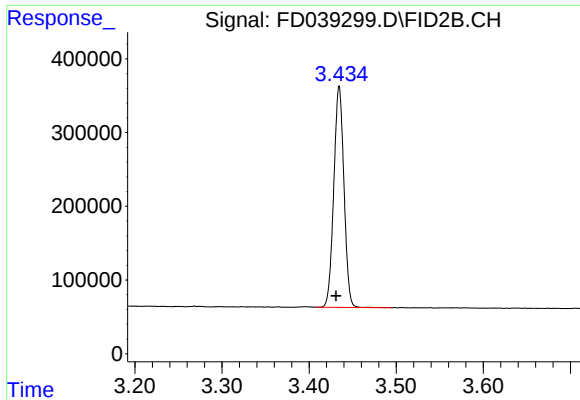
(m)=manual int.

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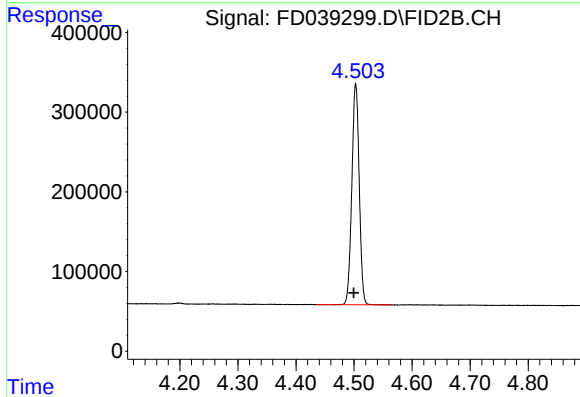
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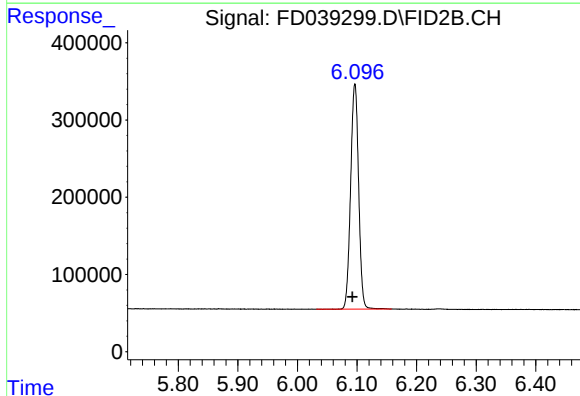
#1 n-Nonane (C9)

R.T.: 3.435 min
Delta R.T.: 0.004 min
Response: 2432667
Conc: 20.92 ug/ml



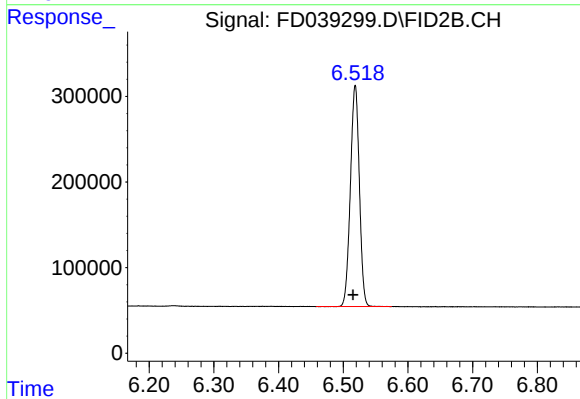
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.003 min
Response: 2450942
Conc: 20.96 ug/ml



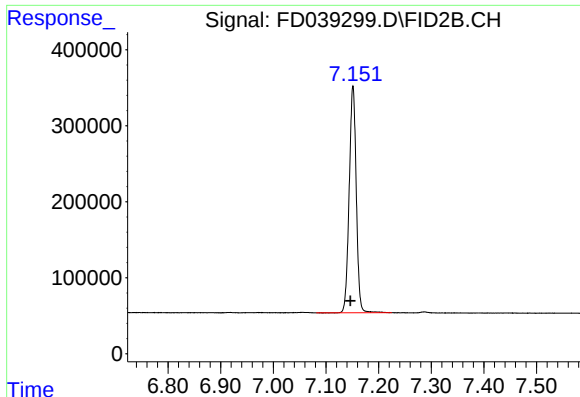
#3 A~Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: 0.004 min
Response: 2716882
Conc: 21.08 ug/ml



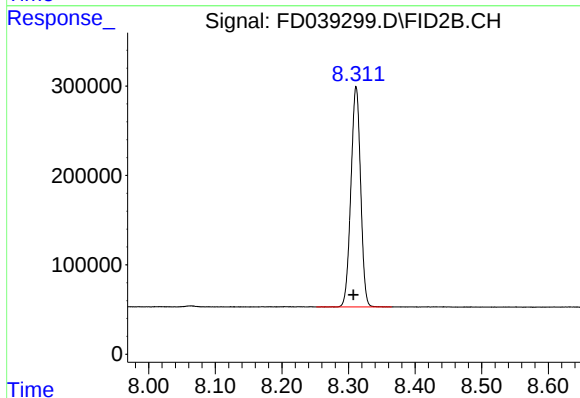
#4 n-Dodecane (C12)

R.T.: 6.518 min
Delta R.T.: 0.003 min
Response: 2491237
Conc: 21.05 ug/ml



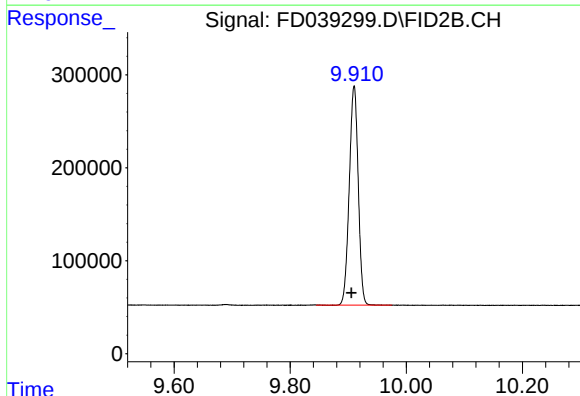
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.005 min
Response: 2777144
Conc: 21.15 ug/ml



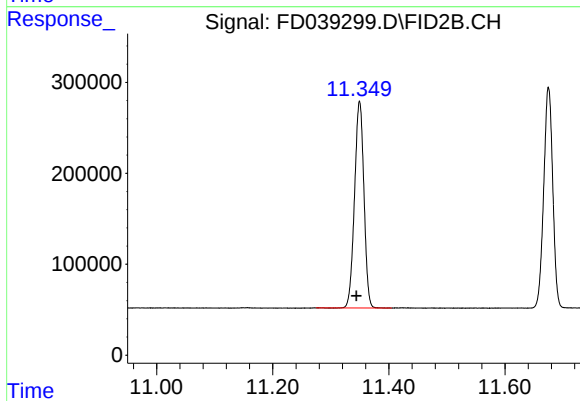
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.004 min
Response: 2490281
Conc: 21.13 ug/ml



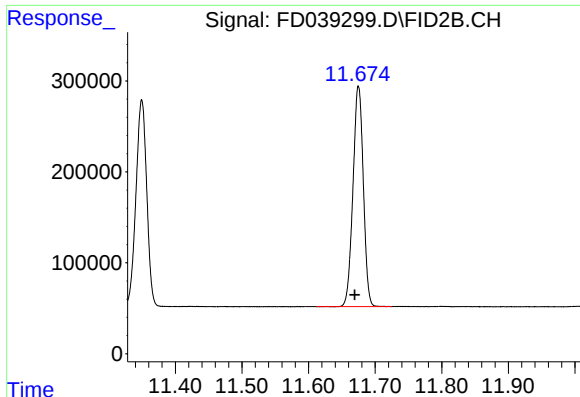
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.005 min
Response: 2524344
Conc: 21.07 ug/ml



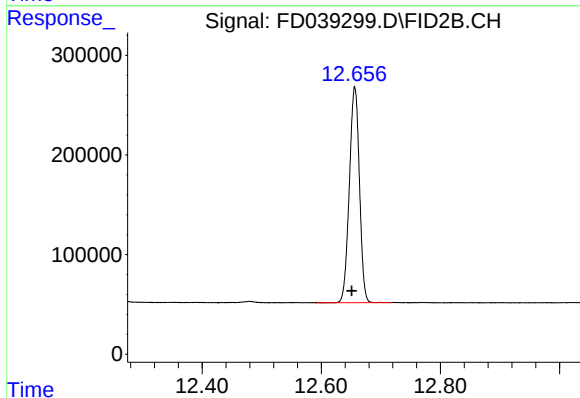
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: 0.005 min
Response: 2555290
Conc: 20.88 ug/ml



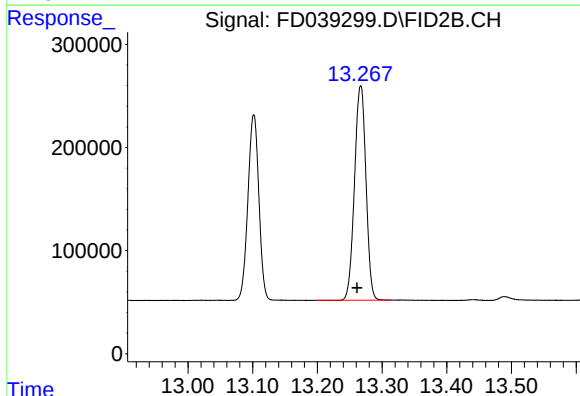
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: 0.006 min
Response: 2620471
Conc: 20.54 ug/ml



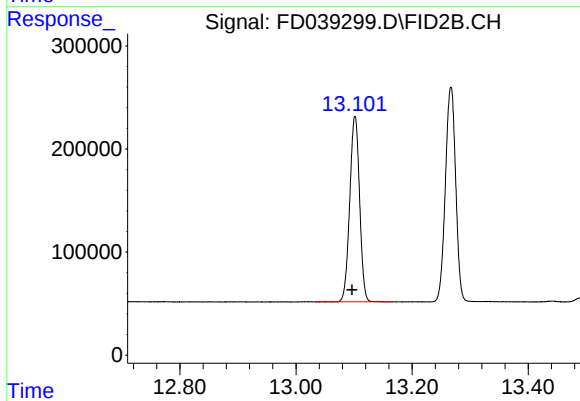
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.005 min
Response: 2542108
Conc: 20.61 ug/ml



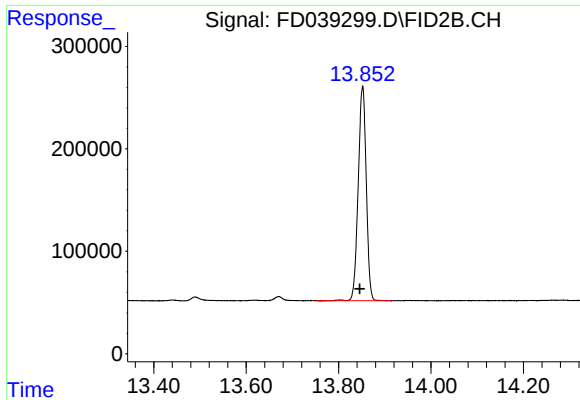
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.005 min
Response: 2558786
Conc: 20.43 ug/ml



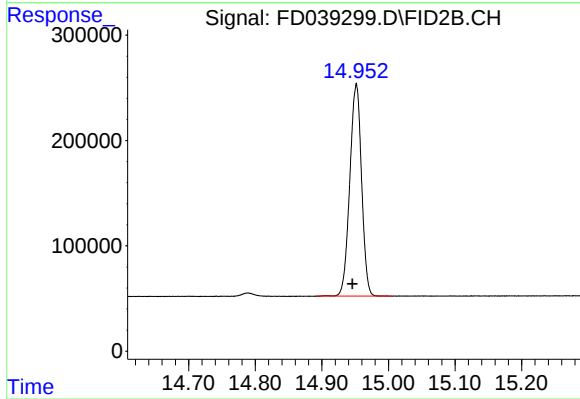
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: 0.005 min
Response: 2116319
Conc: 20.36 ug/ml



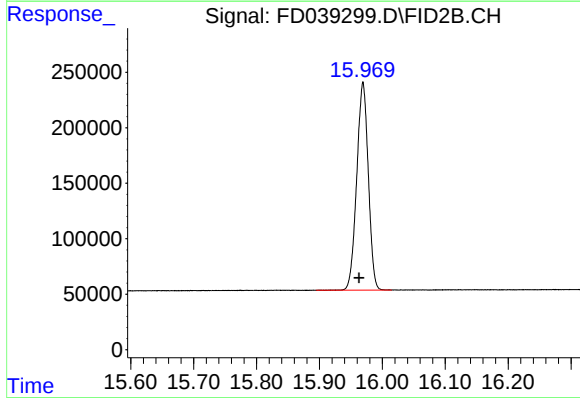
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.006 min
Response: 2527849
Conc: 20.35 ug/ml



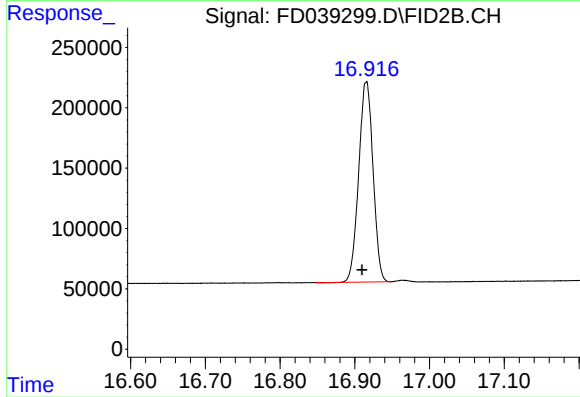
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.006 min
Response: 2466953
Conc: 19.87 ug/ml



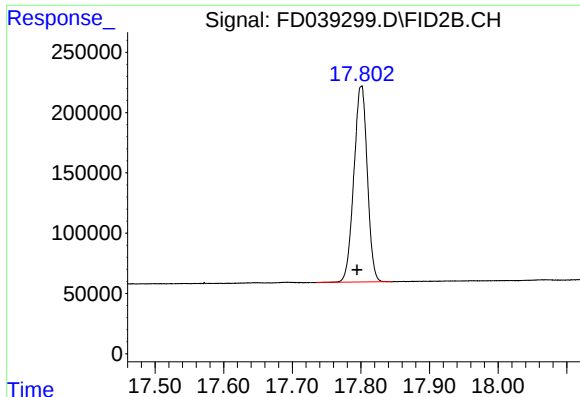
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.006 min
Response: 2388430
Conc: 19.44 ug/ml



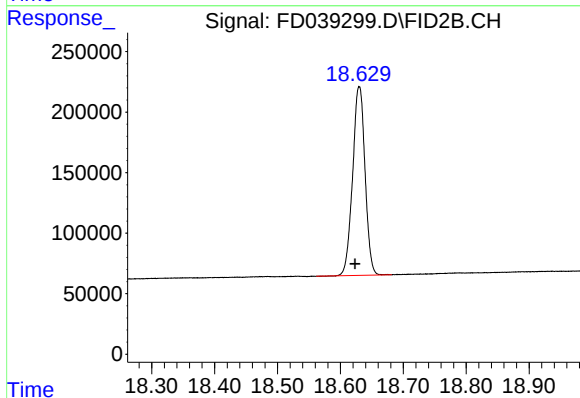
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.005 min
Response: 2213280
Conc: 19.01 ug/ml



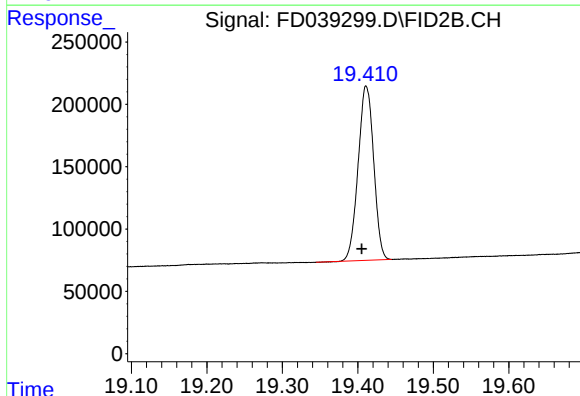
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.006 min
Response: 2211195
Conc: 18.77 ug/ml



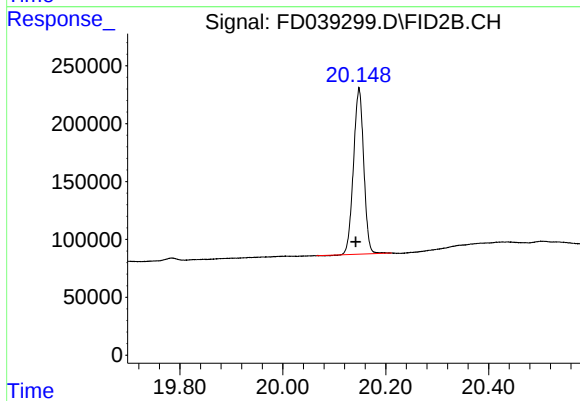
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.007 min
Response: 2138290
Conc: 18.70 ug/ml



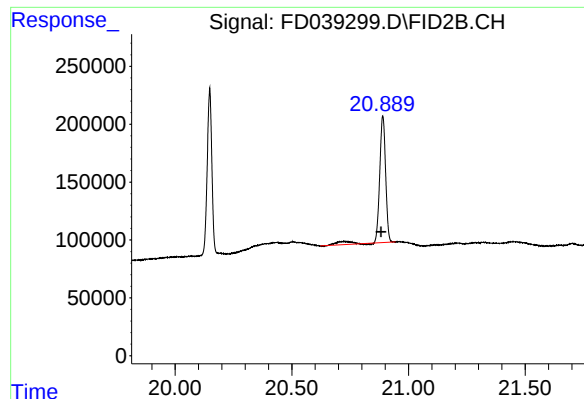
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: 0.006 min
Response: 2002152
Conc: 18.89 ug/ml



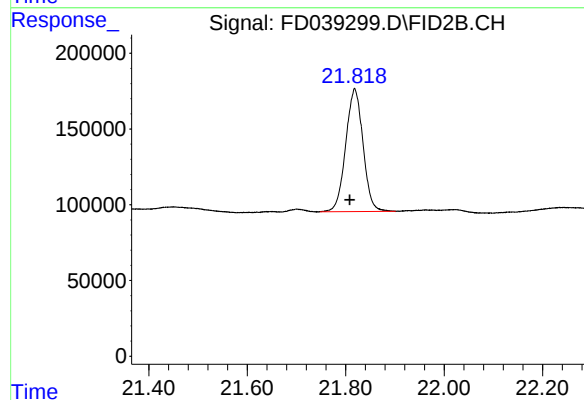
#20 n-Hexatriacontane (C36)

R.T.: 20.148 min
Delta R.T.: 0.006 min
Response: 1982678
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.890 min
Delta R.T.: 0.007 min
Response: 2013706
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.818 min
Delta R.T.: 0.010 min
Response: 1979808
Conc: 21.46 ug/ml