

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011722AL\
 Data File : FD040636.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jan 2022 14:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 18 01:18:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.616	2961362	19.206 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	12.055	2237605	19.010 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	2.565	2489166	19.389 ug/mlm
2) T n-Decane (C10)	3.551	2554195	19.836 ug/ml
3) T A~Naphthalene (C11.7)	5.081	2817265	19.830 ug/ml
4) T n-Dodecane (C12)	5.519	2581641	20.198 ug/ml
5) T A~2-methylnaphthalene...	6.121	2828467	20.050 ug/ml
6) T n-Tetradecane (C14)	7.296	2656519	20.507 ug/ml
7) T n-Hexadecane (C16)	8.884	2678617	20.560 ug/ml
8) T n-Octadecane (C18)	10.316	2728697	20.138 ug/ml
10) T n-Eicosane (C20)	11.618	2699358	19.845 ug/ml
11) T n-Heneicosane (C21)	12.226	2656869	19.187 ug/ml
13) T n-Docosane (C22)	12.808	2773073	20.111 ug/ml
14) T n-Tetracosane (C24)	13.906	2971822	21.254 ug/ml
15) T n-Hexacosane (C26)	14.922	2995152	21.728 ug/ml
16) T n-Octacosane (C28)	15.866	3088169	22.760 ug/ml
17) T n-Tricontane (C30)	16.749	3133044	24.038 ug/ml
18) T n-Dotriacontane (C32)	17.578	2892307	24.194 ug/ml
19) T n-Tetratriacontane (C34)	18.359	2528532	24.014 ug/ml
20) T n-Hexatriacontane (C36)	19.095	2127344	20.994 ug/mlm
21) T n-Octatriacontane (C38)	19.794	1930966	21.612 ug/mlm
22) T n-Tetracontane (C40)	20.594	1804823	21.114 ug/ml

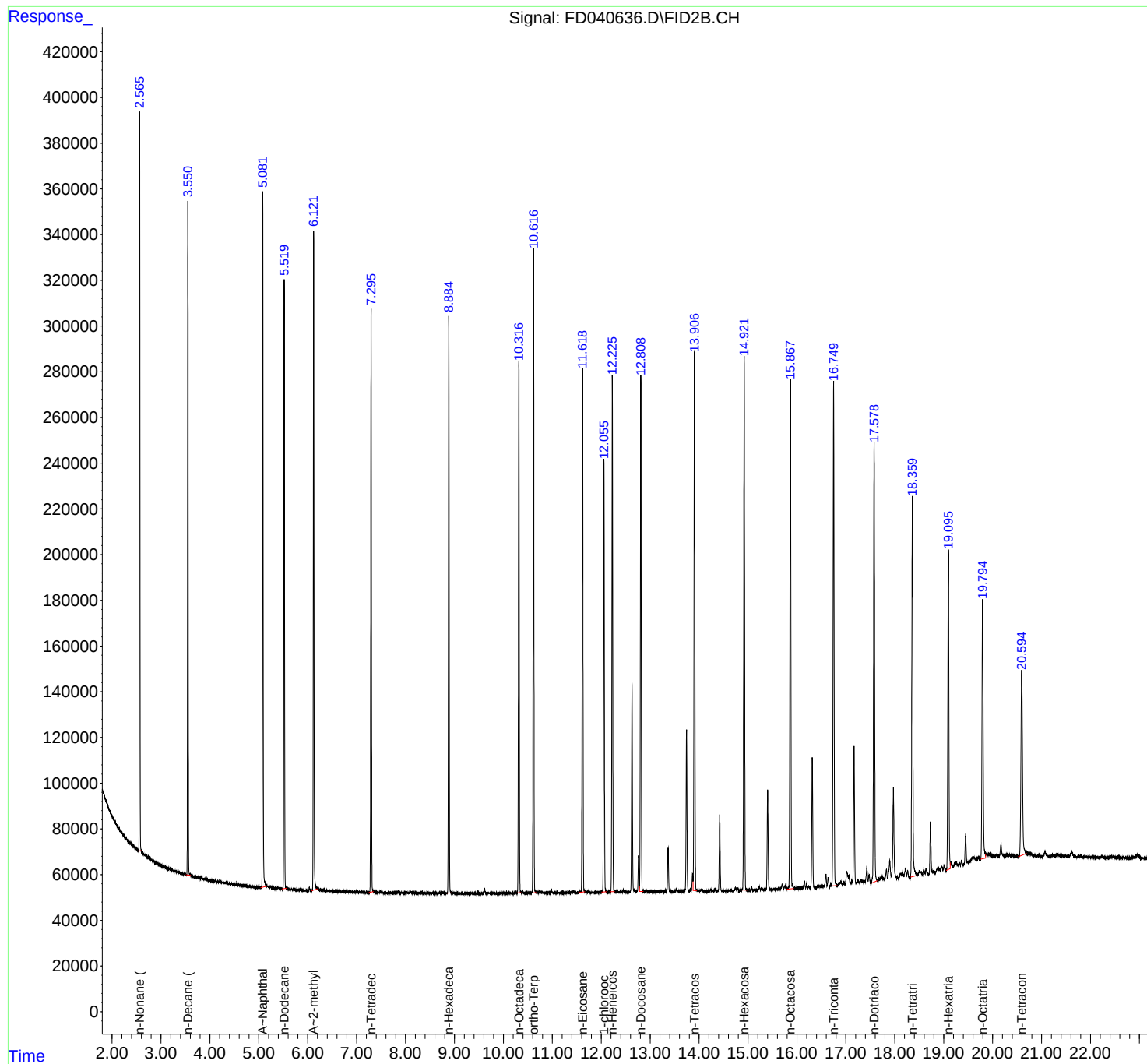
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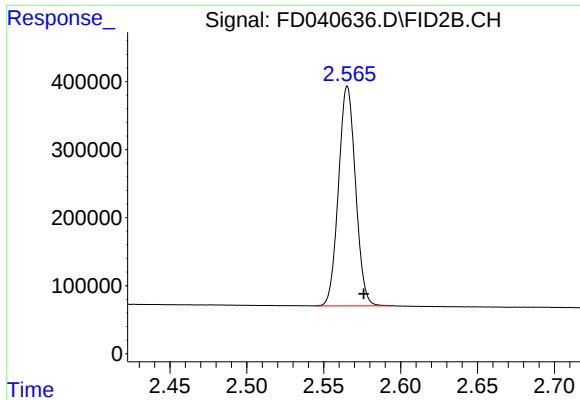
(m)=manual int.

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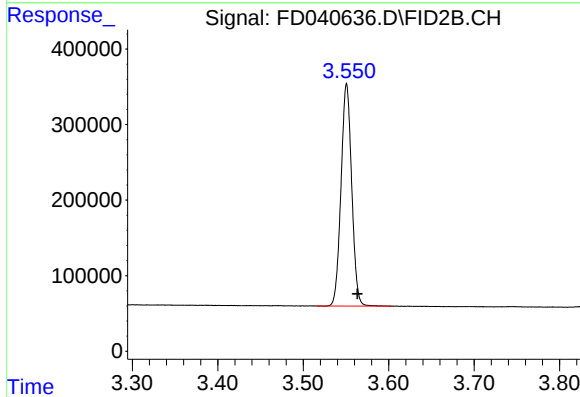
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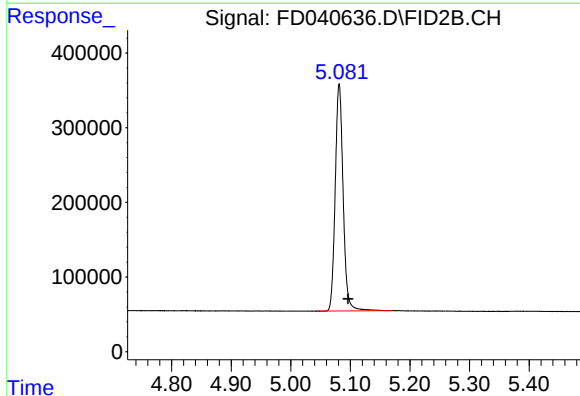
#1 n-Nonane (C9)

R.T.: 2.565 min
Delta R.T.: -0.011 min
Response: 2489166
Conc: 19.39 ug/ml m



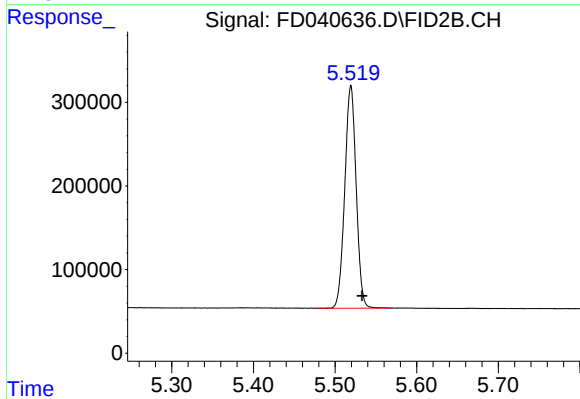
#2 n-Decane (C10)

R.T.: 3.551 min
Delta R.T.: -0.013 min
Response: 2554195
Conc: 19.84 ug/ml



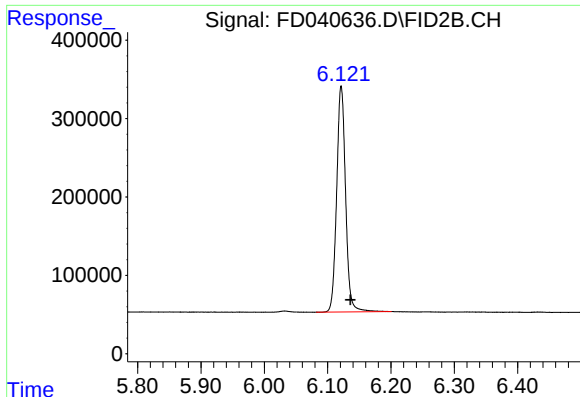
#3 A~Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.015 min
Response: 2817265
Conc: 19.83 ug/ml



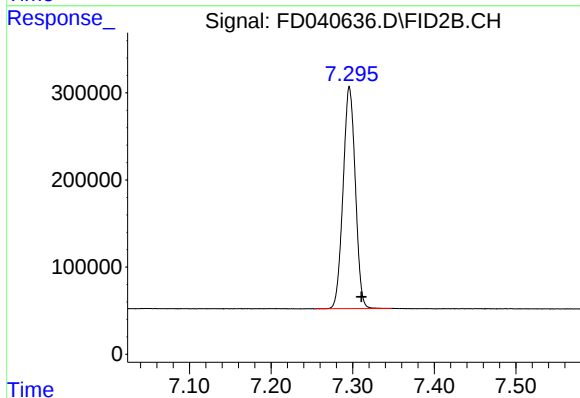
#4 n-Dodecane (C12)

R.T.: 5.519 min
Delta R.T.: -0.014 min
Response: 2581641
Conc: 20.20 ug/ml



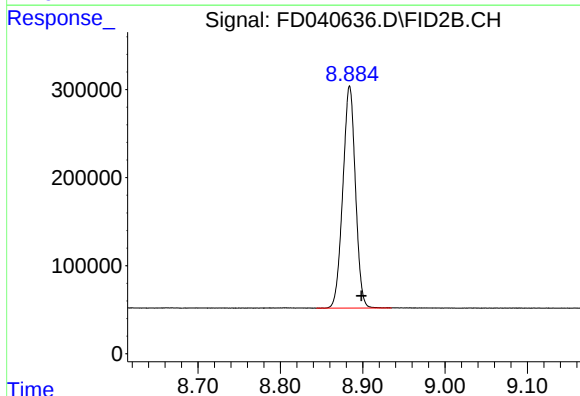
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.121 min
Delta R.T.: -0.015 min
Response: 2828467
Conc: 20.05 ug/ml



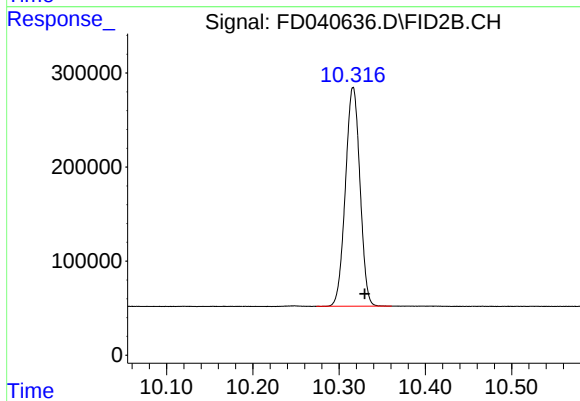
#6 n-Tetradecane (C14)

R.T.: 7.296 min
Delta R.T.: -0.015 min
Response: 2656519
Conc: 20.51 ug/ml



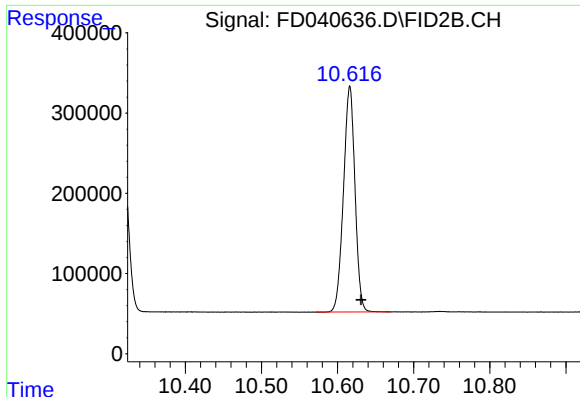
#7 n-Hexadecane (C16)

R.T.: 8.884 min
Delta R.T.: -0.014 min
Response: 2678617
Conc: 20.56 ug/ml



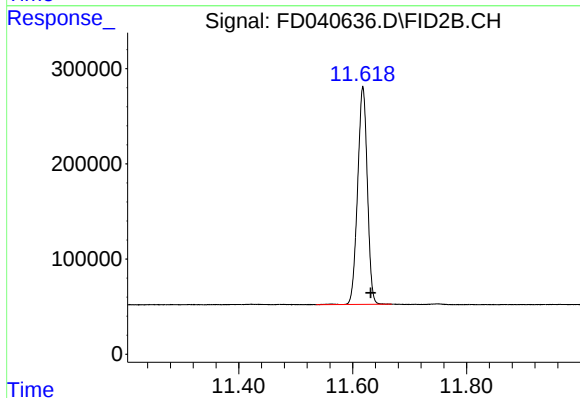
#8 n-Octadecane (C18)

R.T.: 10.316 min
Delta R.T.: -0.014 min
Response: 2728697
Conc: 20.14 ug/ml



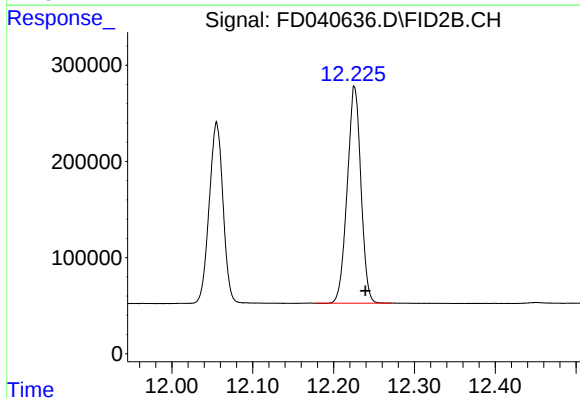
#9 ortho-Terphenyl (SURR)

R.T.: 10.616 min
Delta R.T.: -0.015 min
Response: 2961362
Conc: 19.21 ug/ml



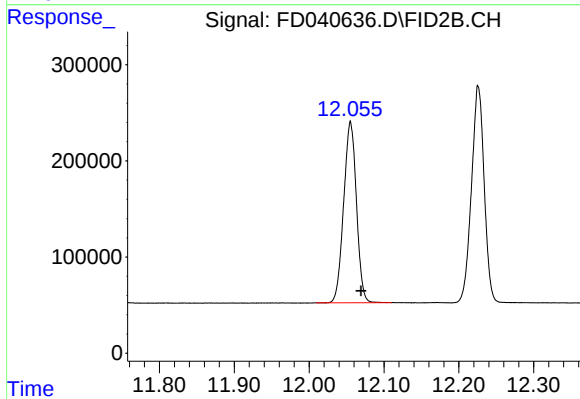
#10 n-Eicosane (C20)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 2699358
Conc: 19.85 ug/ml



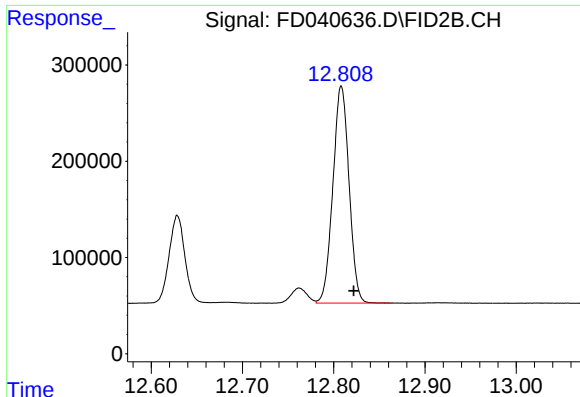
#11 n-Heneicosane (C21)

R.T.: 12.226 min
Delta R.T.: -0.014 min
Response: 2656869
Conc: 19.19 ug/ml



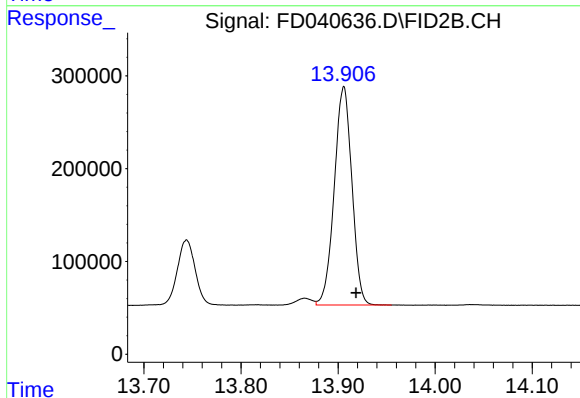
#12 1-chlorooctadecane (SURR)

R.T.: 12.055 min
Delta R.T.: -0.014 min
Response: 2237605
Conc: 19.01 ug/ml



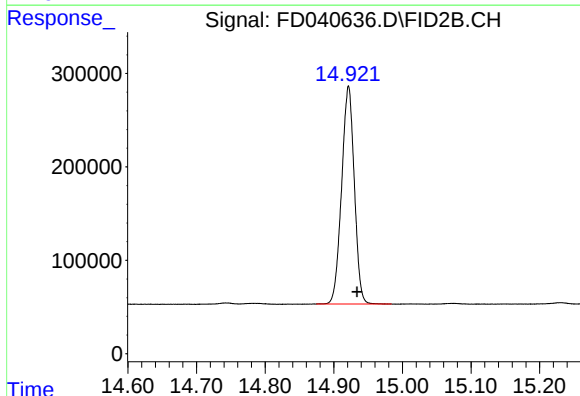
#13 n-Docosane (C22)

R.T.: 12.808 min
Delta R.T.: -0.014 min
Response: 2773073
Conc: 20.11 ug/ml



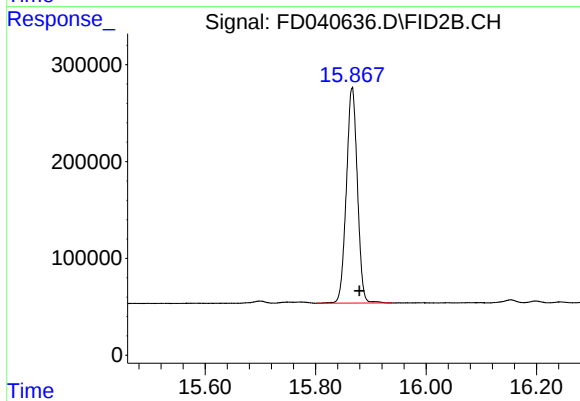
#14 n-Tetracosane (C24)

R.T.: 13.906 min
Delta R.T.: -0.013 min
Response: 2971822
Conc: 21.25 ug/ml



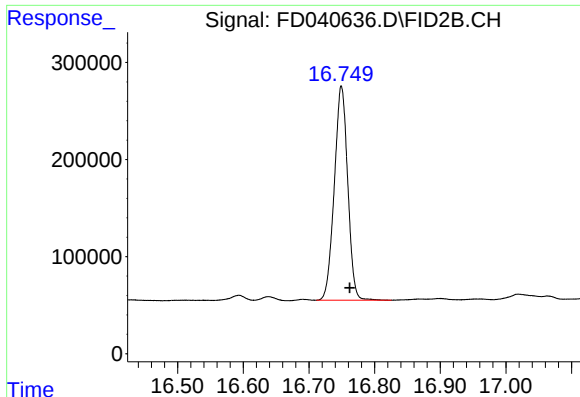
#15 n-Hexacosane (C26)

R.T.: 14.922 min
Delta R.T.: -0.012 min
Response: 2995152
Conc: 21.73 ug/ml



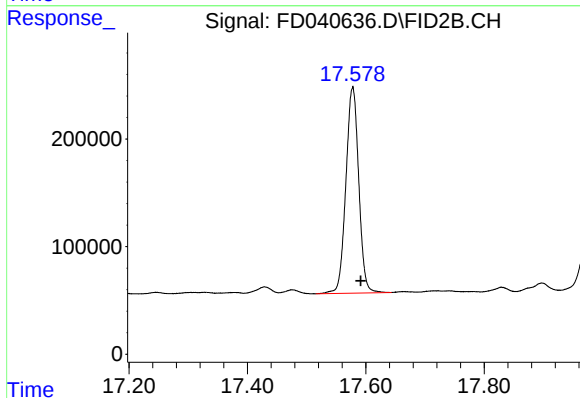
#16 n-Octacosane (C28)

R.T.: 15.866 min
Delta R.T.: -0.013 min
Response: 3088169
Conc: 22.76 ug/ml



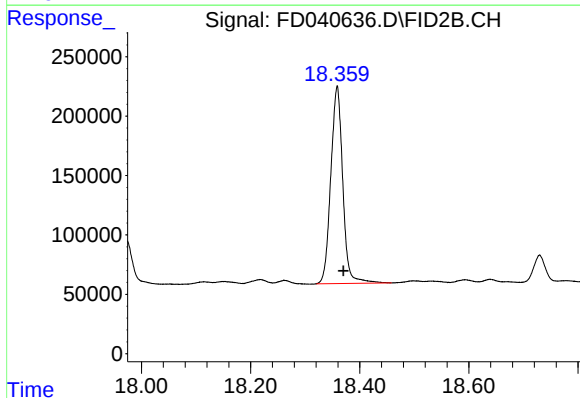
#17 n-Tricontane (C30)

R.T.: 16.749 min
Delta R.T.: -0.013 min
Response: 3133044
Conc: 24.04 ug/ml



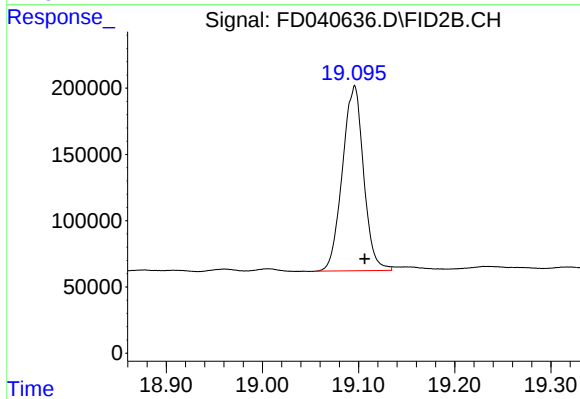
#18 n-Dotriacontane (C32)

R.T.: 17.578 min
Delta R.T.: -0.013 min
Response: 2892307
Conc: 24.19 ug/ml



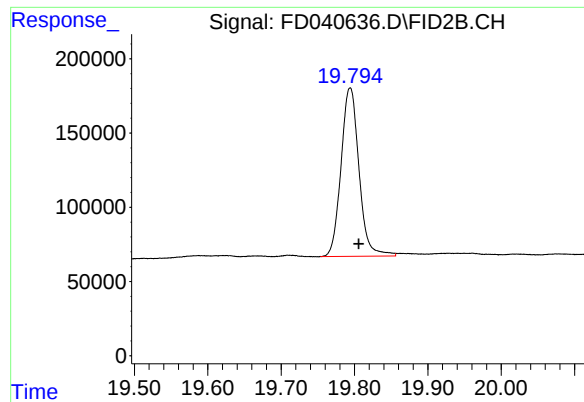
#19 n-Tetratriacontane (C34)

R.T.: 18.359 min
Delta R.T.: -0.011 min
Response: 2528532
Conc: 24.01 ug/ml



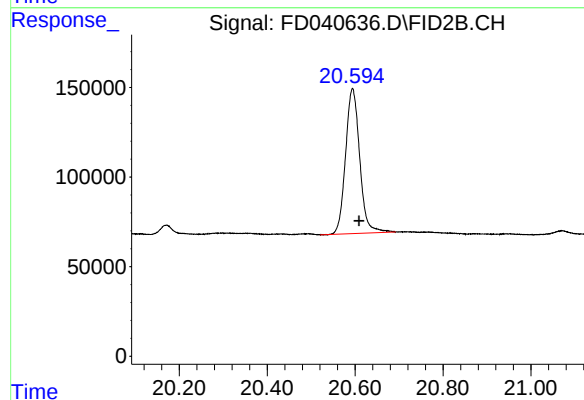
#20 n-Hexatriacontane (C36)

R.T.: 19.095 min
Delta R.T.: -0.011 min
Response: 2127344
Conc: 20.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 1930966
Conc: 21.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.594 min
Delta R.T.: -0.015 min
Response: 1804823
Conc: 21.11 ug/ml