

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011722AL\
 Data File : FD040648.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jan 2022 22:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 18 01:21:29 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)	10.615	3023065	19.606 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	12.053	2284947	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	2.565	2539623	19.782 ug/mlm
2) T n-Decane (C10)	3.551	2604288	20.225 ug/ml
3) T A~Naphthalene (C11.7)	5.080	2900206	20.414 ug/ml
4) T n-Dodecane (C12)	5.519	2648105	20.718 ug/ml
5) T A~2-methylnaphthalene...	6.120	2918569	20.688 ug/ml
6) T n-Tetradecane (C14)	7.295	2729043	21.067 ug/ml
7) T n-Hexadecane (C16)	8.883	2753486	21.134 ug/ml
8) T n-Octadecane (C18)	10.315	2799713	20.662 ug/ml
10) T n-Eicosane (C20)	11.616	2755996	20.262 ug/ml
11) T n-Heneicosane (C21)	12.224	2711178	19.579 ug/ml
13) T n-Docosane (C22)	12.807	2816210	20.424 ug/ml
14) T n-Tetracosane (C24)	13.904	3014434	21.559 ug/ml
15) T n-Hexacosane (C26)	14.919	3038788	22.045 ug/ml
16) T n-Octacosane (C28)	15.864	3135669	23.110 ug/ml
17) T n-Tricontane (C30)	16.747	3208596	24.617 ug/ml
18) T n-Dotriacontane (C32)	17.577	2974806	24.884 ug/ml
19) T n-Tetratriacontane (C34)	18.356	2575404	24.460 ug/ml
20) T n-Hexatriacontane (C36)	19.092	2204256	21.753 ug/mlm
21) T n-Octatriacontane (C38)	19.790	1959853	21.936 ug/mlm
22) T n-Tetracontane (C40)	20.592	1926365	22.535 ug/ml

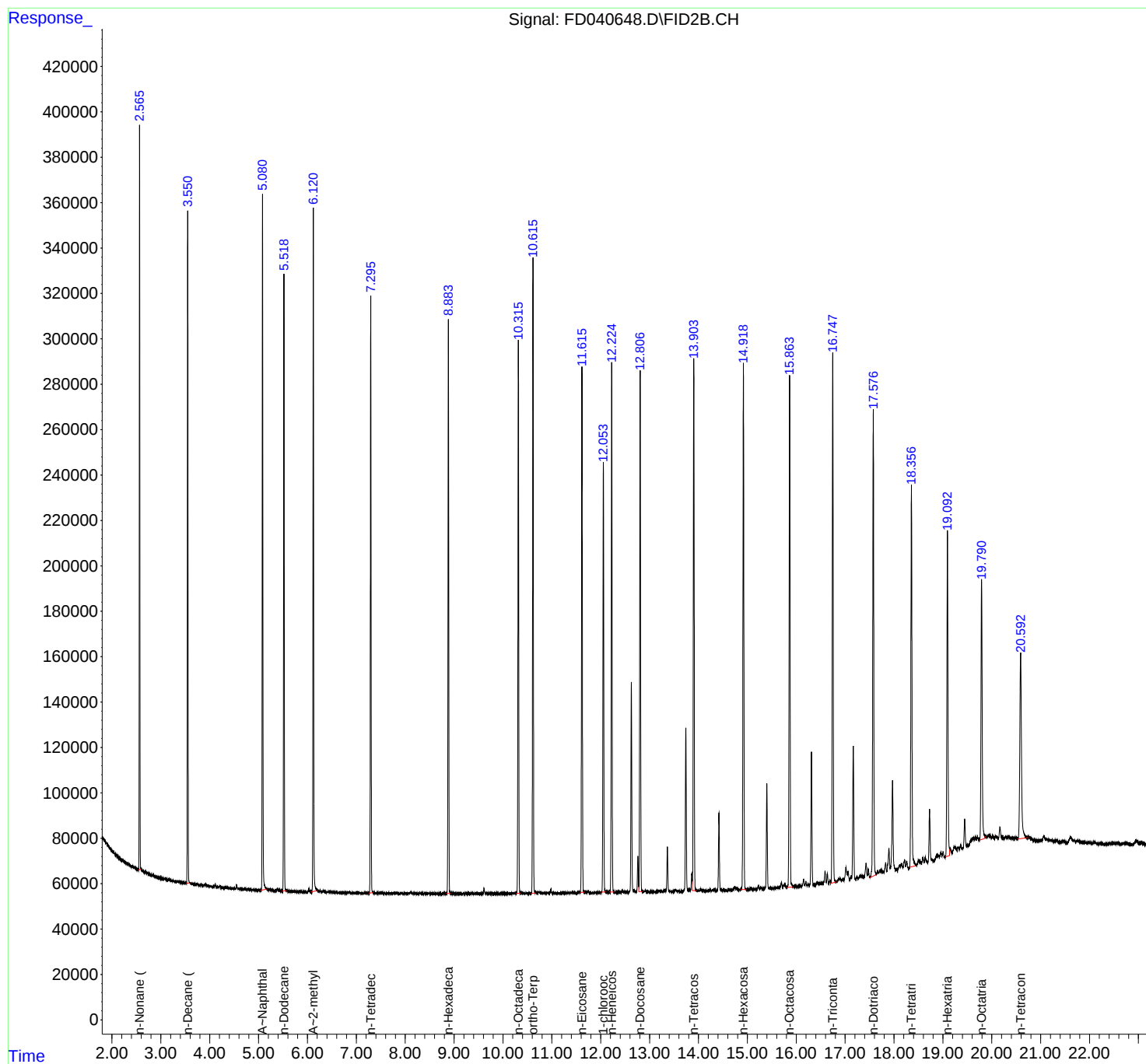
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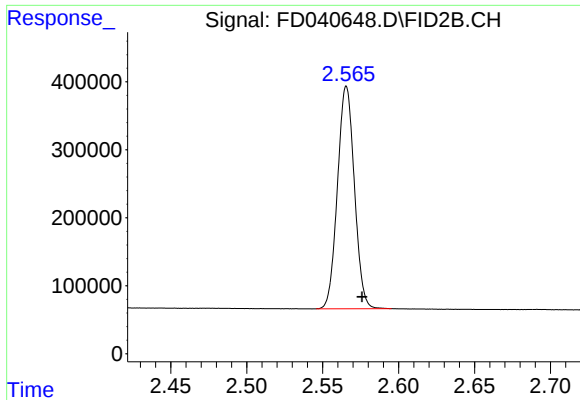
(m)=manual int.

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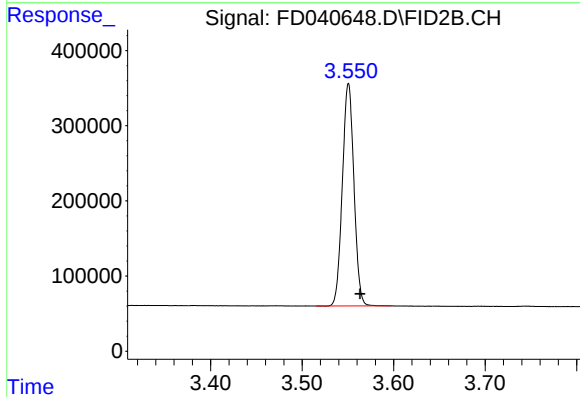
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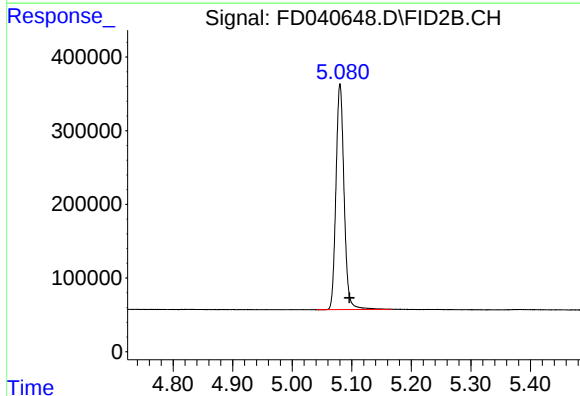
#1 n-Nonane (C9)

R.T.: 2.565 min
Delta R.T.: -0.011 min
Response: 2539623
Conc: 19.78 ug/ml m



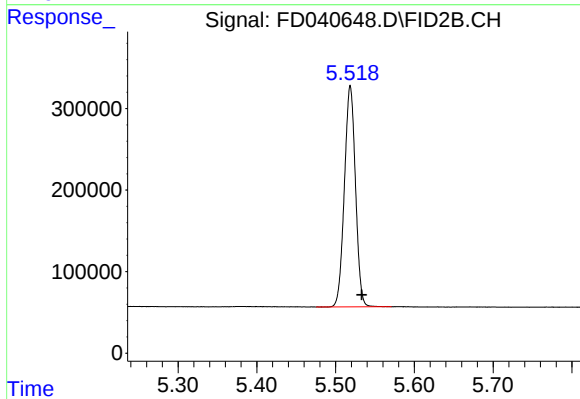
#2 n-Decane (C10)

R.T.: 3.551 min
Delta R.T.: -0.013 min
Response: 2604288
Conc: 20.22 ug/ml



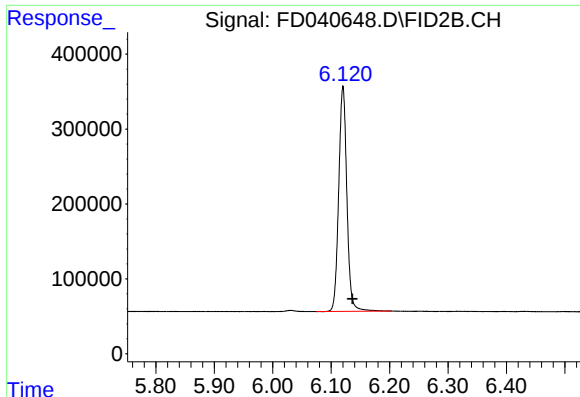
#3 A~Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.016 min
Response: 2900206
Conc: 20.41 ug/ml



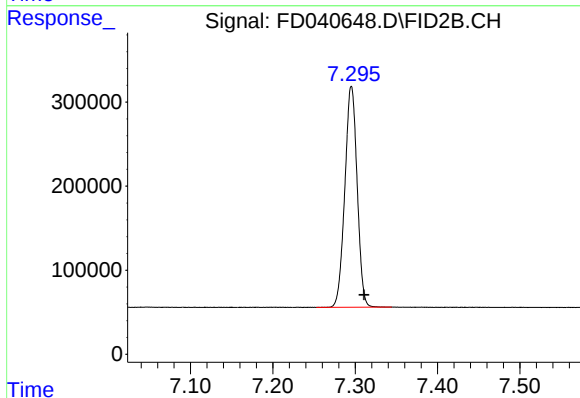
#4 n-Dodecane (C12)

R.T.: 5.519 min
Delta R.T.: -0.014 min
Response: 2648105
Conc: 20.72 ug/ml



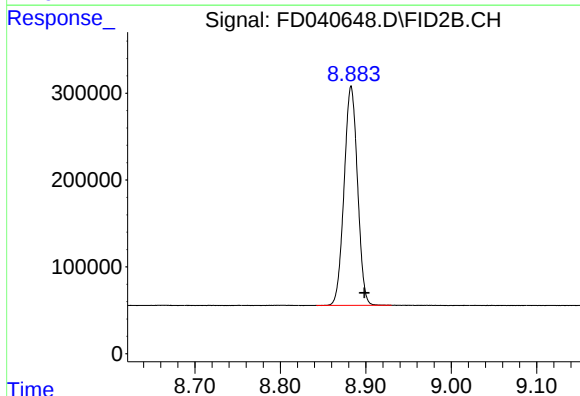
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.016 min
Response: 2918569
Conc: 20.69 ug/ml



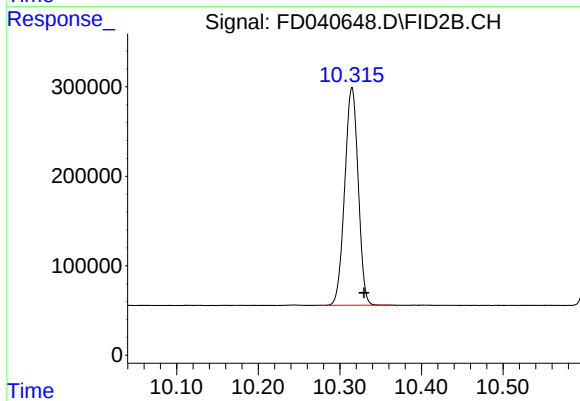
#6 n-Tetradecane (C14)

R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 2729043
Conc: 21.07 ug/ml



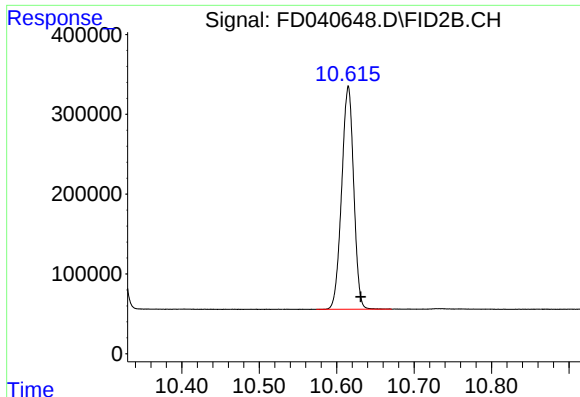
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.016 min
Response: 2753486
Conc: 21.13 ug/ml



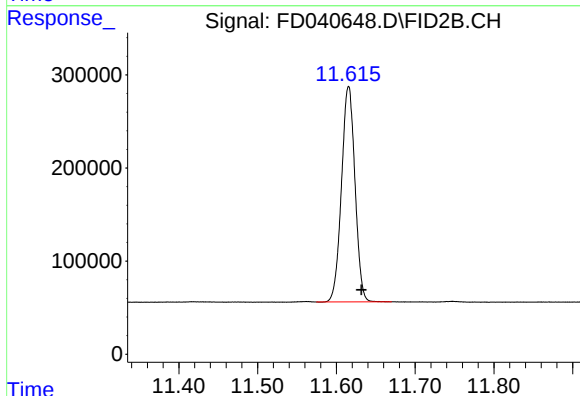
#8 n-Octadecane (C18)

R.T.: 10.315 min
Delta R.T.: -0.015 min
Response: 2799713
Conc: 20.66 ug/ml



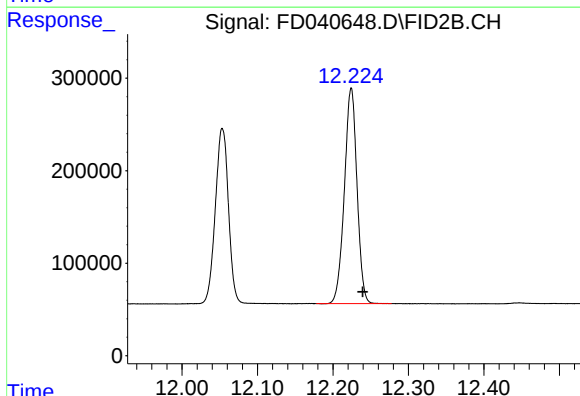
#9 ortho-Terphenyl (SURR)

R.T.: 10.615 min
Delta R.T.: -0.016 min
Response: 3023065
Conc: 19.61 ug/ml



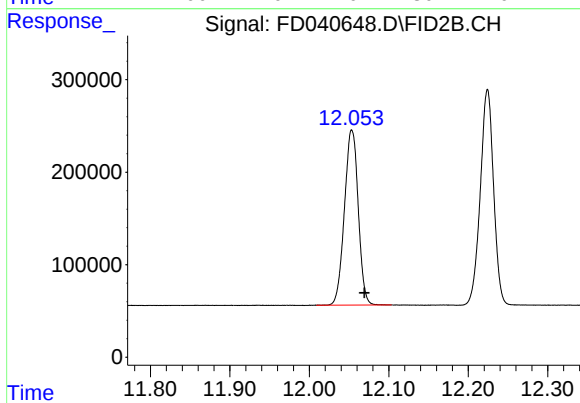
#10 n-Eicosane (C20)

R.T.: 11.616 min
Delta R.T.: -0.016 min
Response: 2755996
Conc: 20.26 ug/ml



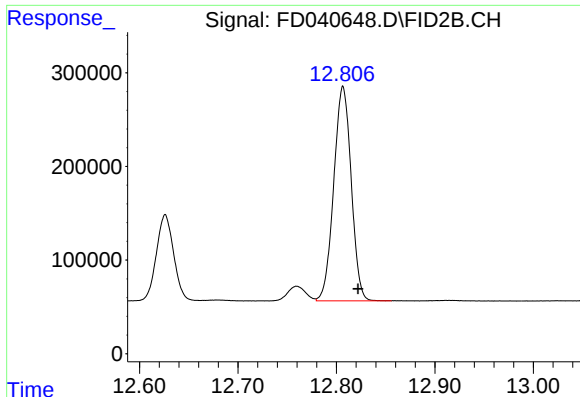
#11 n-Heneicosane (C21)

R.T.: 12.224 min
Delta R.T.: -0.015 min
Response: 2711178
Conc: 19.58 ug/ml



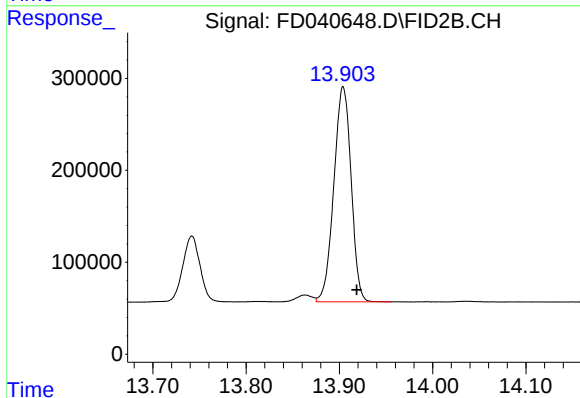
#12 1-chlorooctadecane (SURR)

R.T.: 12.053 min
Delta R.T.: -0.016 min
Response: 2284947
Conc: 19.41 ug/ml



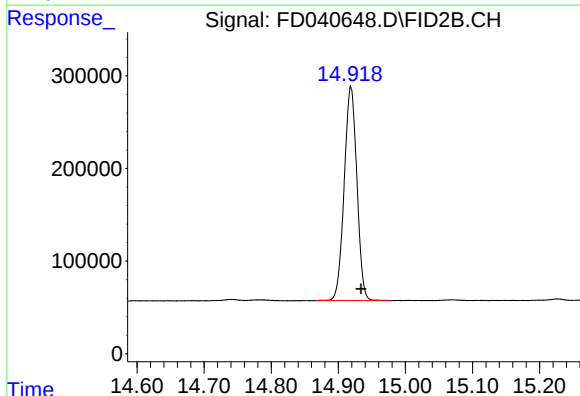
#13 n-Docosane (C22)

R.T.: 12.807 min
Delta R.T.: -0.015 min
Response: 2816210
Conc: 20.42 ug/ml



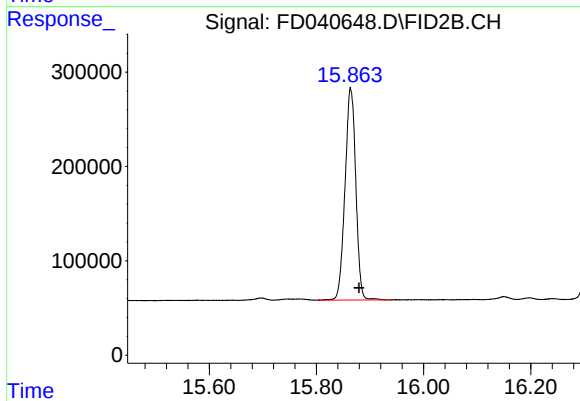
#14 n-Tetracosane (C24)

R.T.: 13.904 min
Delta R.T.: -0.014 min
Response: 3014434
Conc: 21.56 ug/ml



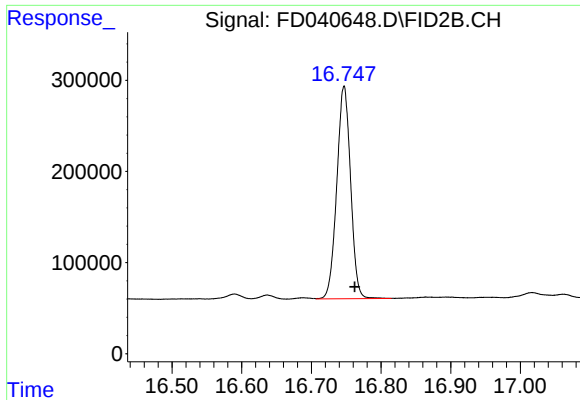
#15 n-Hexacosane (C26)

R.T.: 14.919 min
Delta R.T.: -0.015 min
Response: 3038788
Conc: 22.04 ug/ml



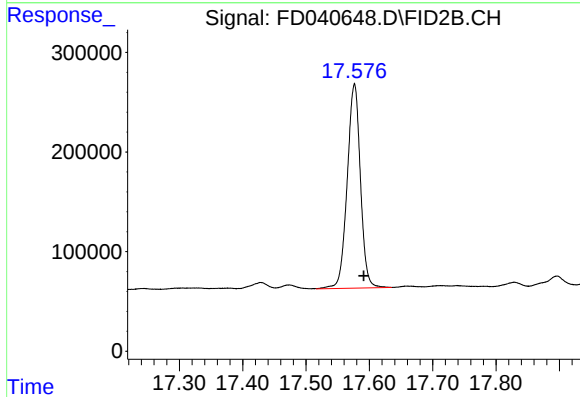
#16 n-Octacosane (C28)

R.T.: 15.864 min
Delta R.T.: -0.016 min
Response: 3135669
Conc: 23.11 ug/ml



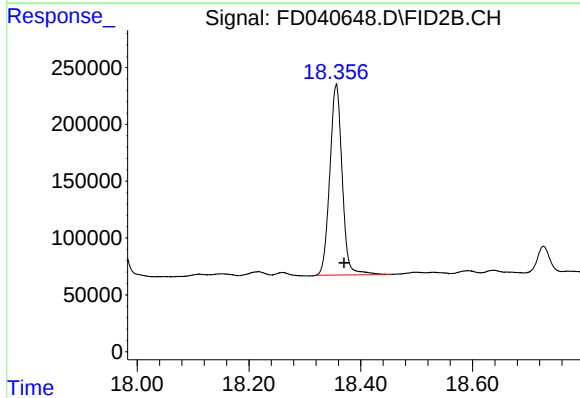
#17 n-Tricontane (C30)

R.T.: 16.747 min
Delta R.T.: -0.015 min
Response: 3208596
Conc: 24.62 ug/ml



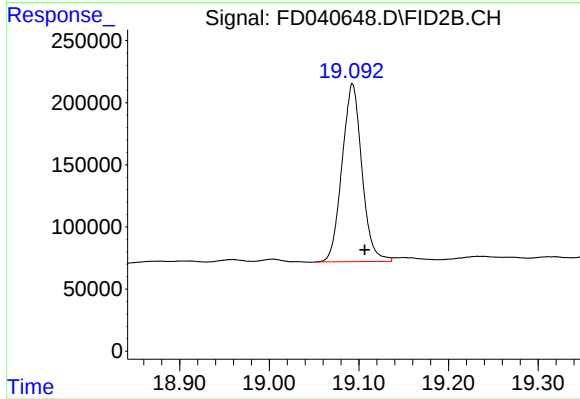
#18 n-Dotriacontane (C32)

R.T.: 17.577 min
Delta R.T.: -0.015 min
Response: 2974806
Conc: 24.88 ug/ml



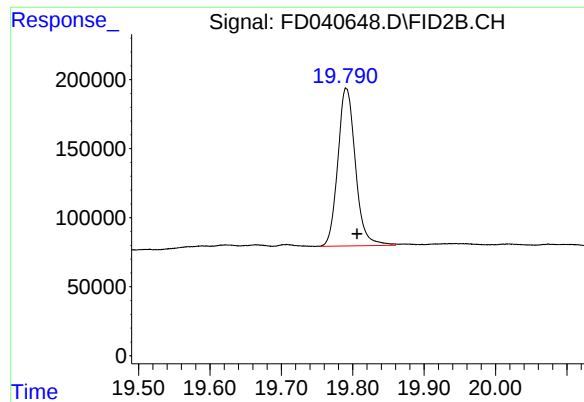
#19 n-Tetratriacontane (C34)

R.T.: 18.356 min
Delta R.T.: -0.014 min
Response: 2575404
Conc: 24.46 ug/ml



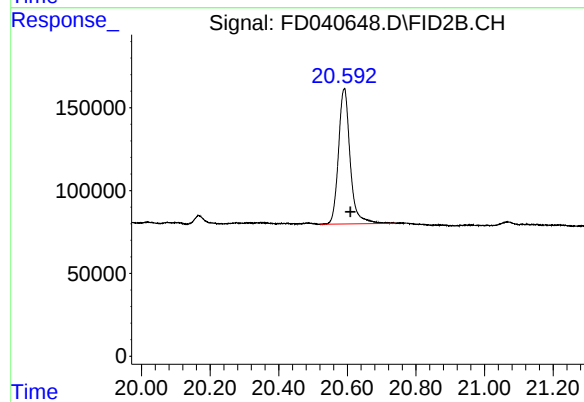
#20 n-Hexatriacontane (C36)

R.T.: 19.092 min
Delta R.T.: -0.014 min
Response: 2204256
Conc: 21.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.790 min
Delta R.T.: -0.016 min
Response: 1959853
Conc: 21.94 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.592 min
Delta R.T.: -0.018 min
Response: 1926365
Conc: 22.54 ug/ml