

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090321AL\
 Data File : FD038777.D
 Signal(s) : FID2B.CH
 Acq On : 03 Sep 2021 19:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 22:36:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.684	2793780	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.111	2189371	18.822 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.440	2598334	20.401 ug/ml
2) T n-Decane (C10)	4.510	2651960	20.474 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2969044	20.388 ug/ml
4) T n-Dodecane (C12)	6.528	2674379	20.359 ug/ml
5) T A~2-methylnaphthalene...	7.158	2991400	20.225 ug/ml
6) T n-Tetradecane (C14)	8.321	2704799	20.068 ug/ml
7) T n-Hexadecane (C16)	9.919	2692593	19.693 ug/ml
8) T n-Octadecane (C18)	11.359	2711612	19.403 ug/ml
10) T n-Eicosane (C20)	12.666	2628932	19.067 ug/ml
11) T n-Heneicosane (C21)	13.276	2618020	18.837 ug/ml
13) T n-Docosane (C22)	13.861	2543578	18.670 ug/ml
14) T n-Tetracosane (C24)	14.960	2469551	18.484 ug/ml
15) T n-Hexacosane (C26)	15.978	2334982	18.413 ug/ml
16) T n-Octacosane (C28)	16.924	2253889	18.639 ug/ml
17) T n-Tricontane (C30)	17.808	2225475	19.401 ug/ml
18) T n-Dotriacontane (C32)	18.637	2170261	20.067 ug/ml
19) T n-Tetratriacontane (C34)	19.419	2096958	20.142 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2001165	20.410 ug/ml
21) T n-Octatriacontane (C38)	20.899	1969673	20.889 ug/ml
22) T n-Tetracontane (C40)	21.831	1981530	20.928 ug/ml

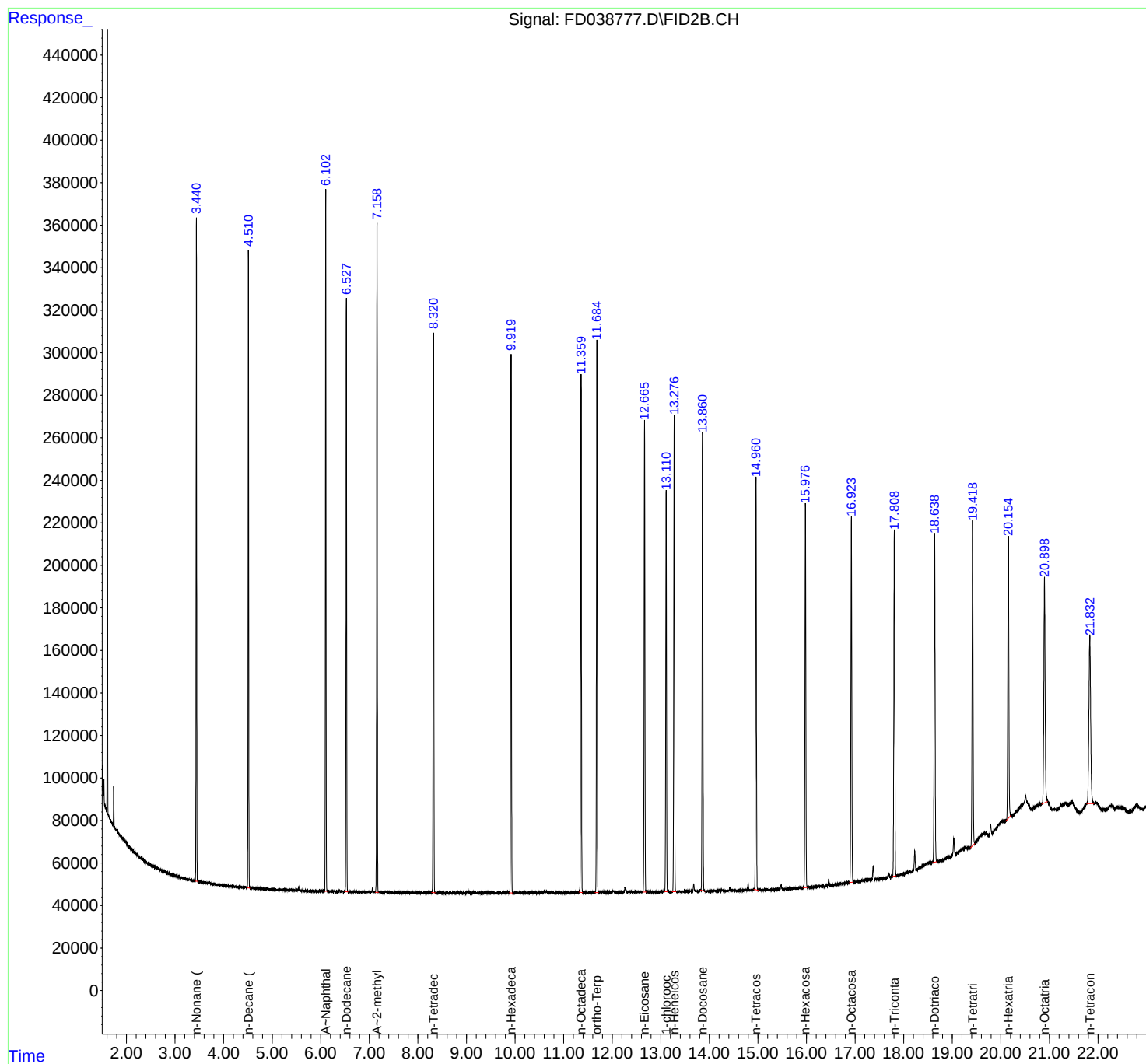
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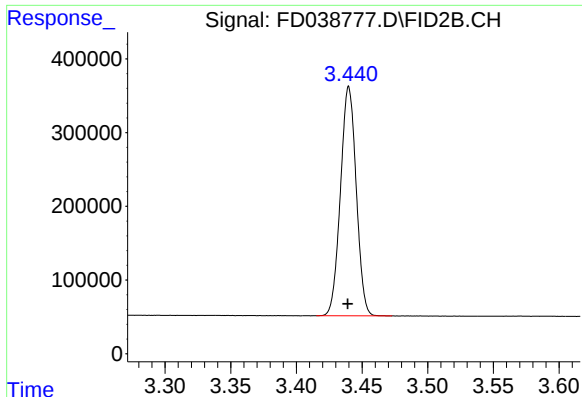
(m)=manual int.

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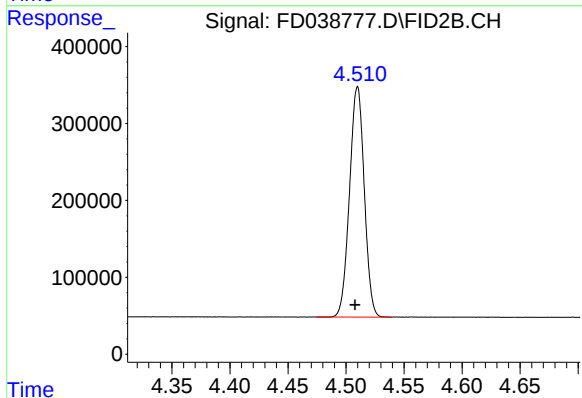
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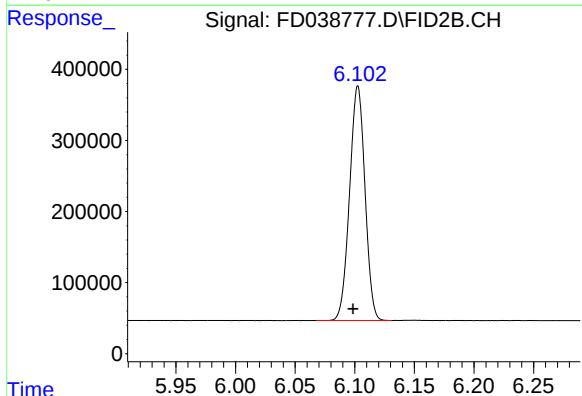
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 2598334
Conc: 20.40 ug/ml



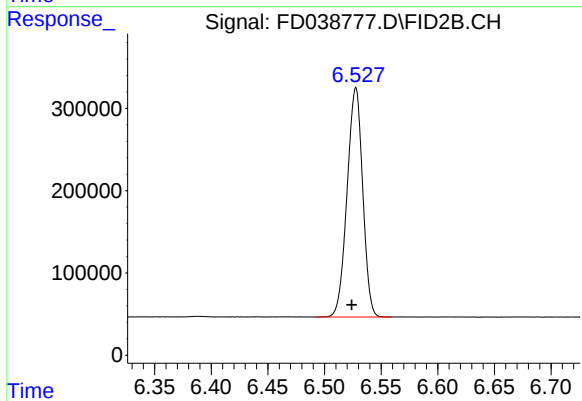
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.002 min
Response: 2651960
Conc: 20.47 ug/ml



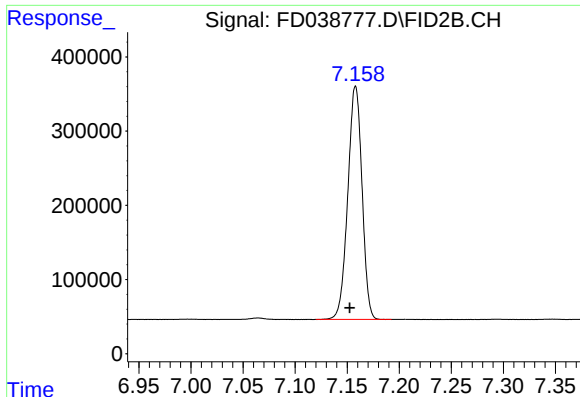
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.004 min
Response: 2969044
Conc: 20.39 ug/ml



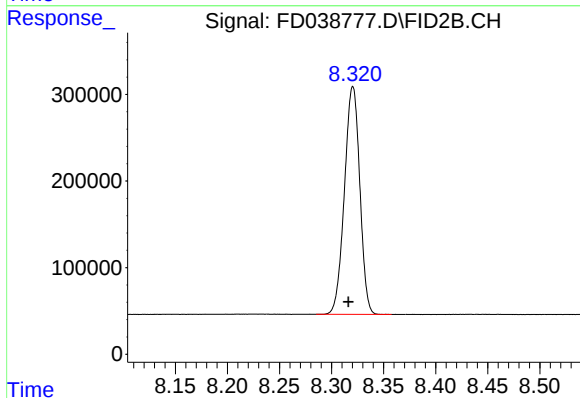
#4 n-Dodecane (C12)

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 2674379
Conc: 20.36 ug/ml



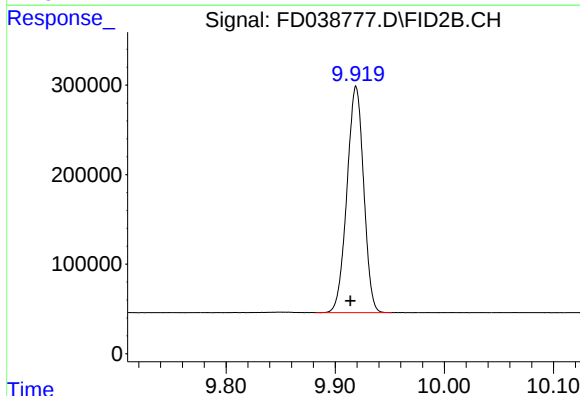
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.006 min
Response: 2991400
Conc: 20.22 ug/ml



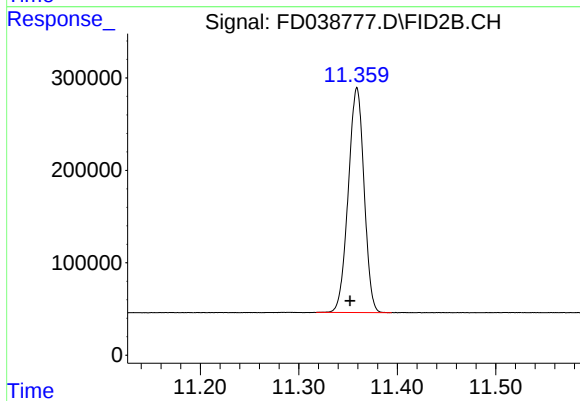
#6 n-Tetradecane (C14)

R.T.: 8.321 min
Delta R.T.: 0.004 min
Response: 2704799
Conc: 20.07 ug/ml



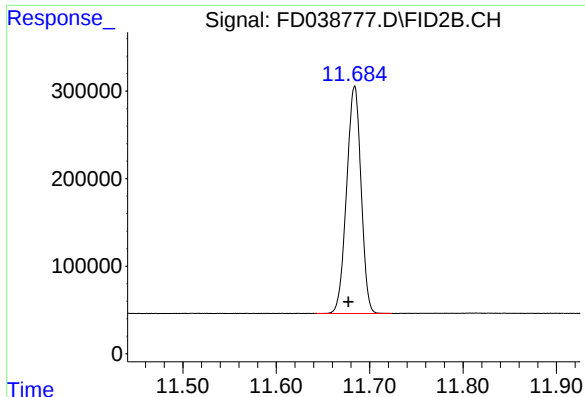
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: 0.005 min
Response: 2692593
Conc: 19.69 ug/ml



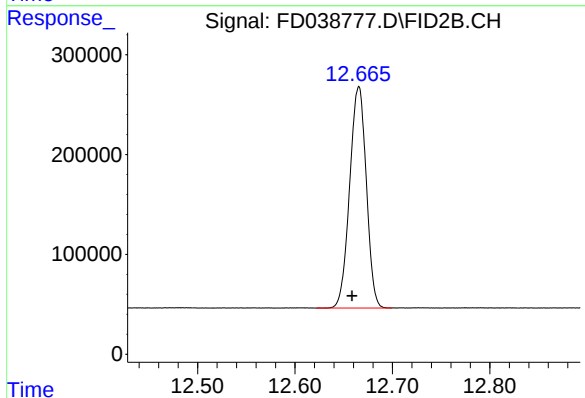
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.007 min
Response: 2711612
Conc: 19.40 ug/ml



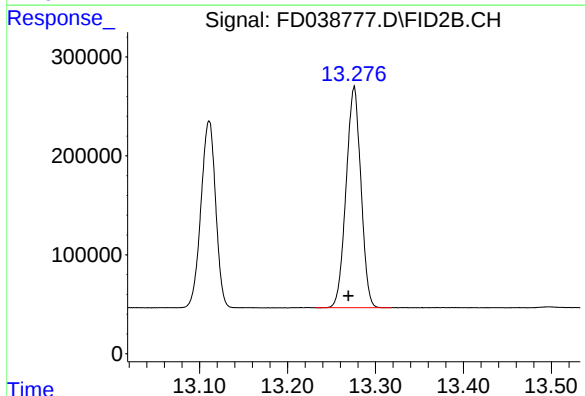
#9 ortho-Terphenyl (SURR)

R.T.: 11.684 min
Delta R.T.: 0.007 min
Response: 2793780
Conc: 19.01 ug/ml



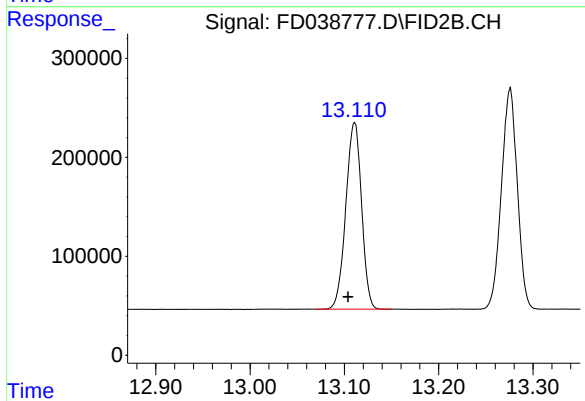
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: 0.007 min
Response: 2628932
Conc: 19.07 ug/ml



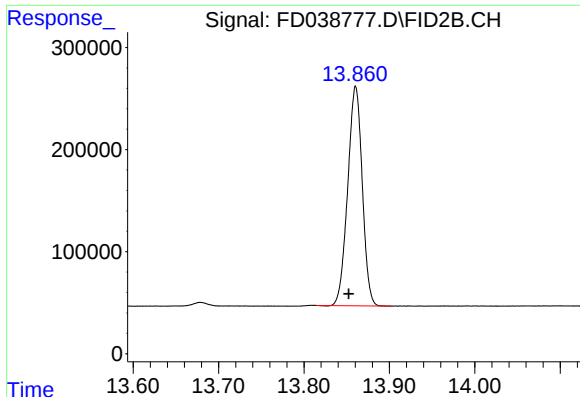
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.007 min
Response: 2618020
Conc: 18.84 ug/ml



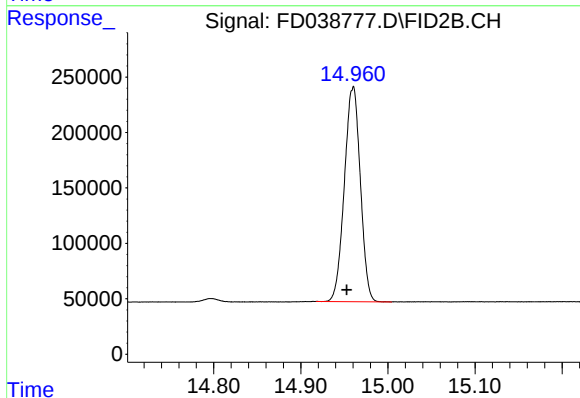
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 2189371
Conc: 18.82 ug/ml



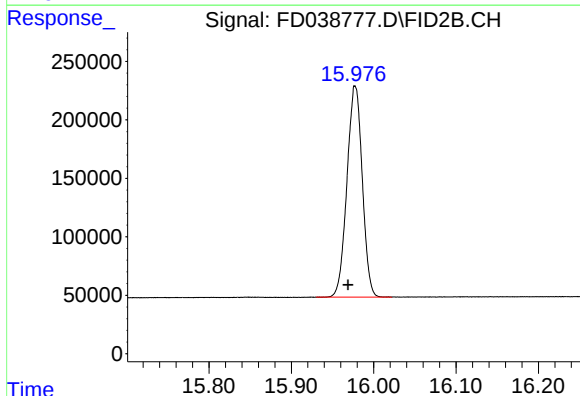
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: 0.008 min
Response: 2543578
Conc: 18.67 ug/ml



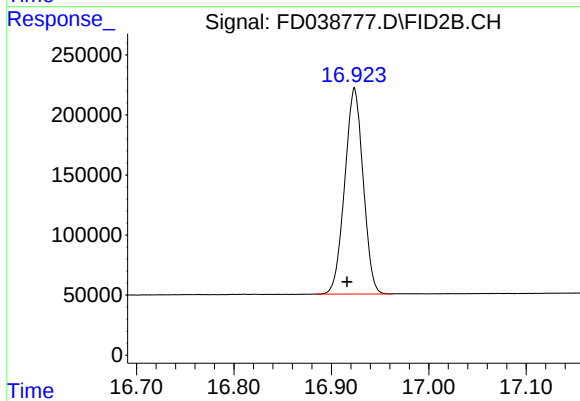
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.007 min
Response: 2469551
Conc: 18.48 ug/ml



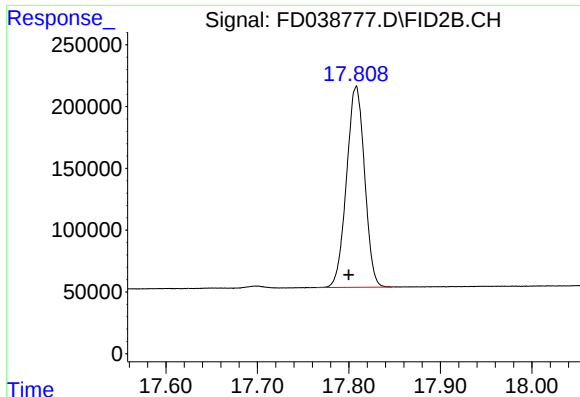
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.009 min
Response: 2334982
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.924 min
Delta R.T.: 0.008 min
Response: 2253889
Conc: 18.64 ug/ml



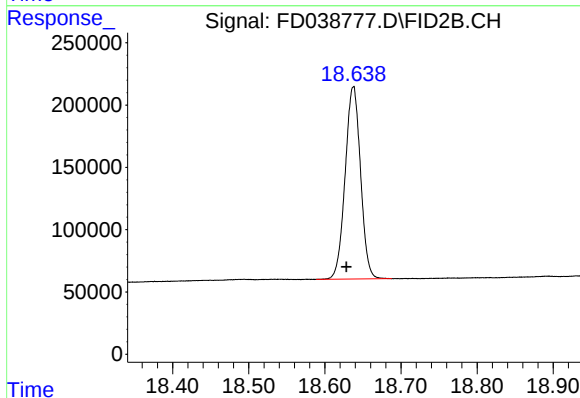
#17 n-Tricontane (C30)

R.T.: 17.808 min

Delta R.T.: 0.008 min

Response: 2225475

Conc: 19.40 ug/ml



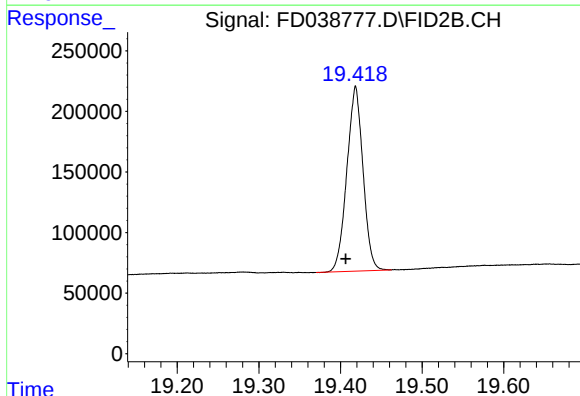
#18 n-Dotriacontane (C32)

R.T.: 18.637 min

Delta R.T.: 0.009 min

Response: 2170261

Conc: 20.07 ug/ml



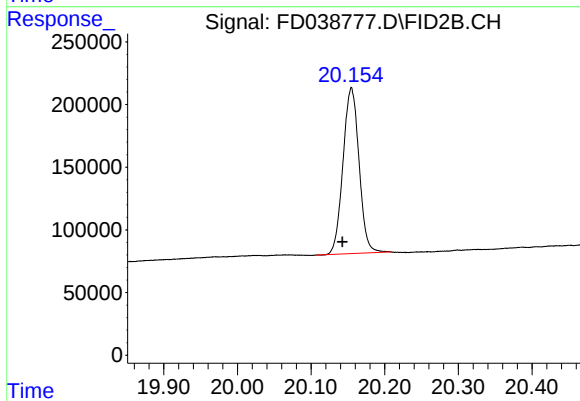
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min

Delta R.T.: 0.012 min

Response: 2096958

Conc: 20.14 ug/ml



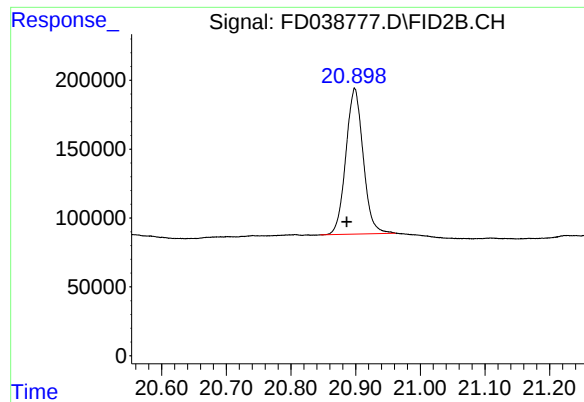
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min

Delta R.T.: 0.012 min

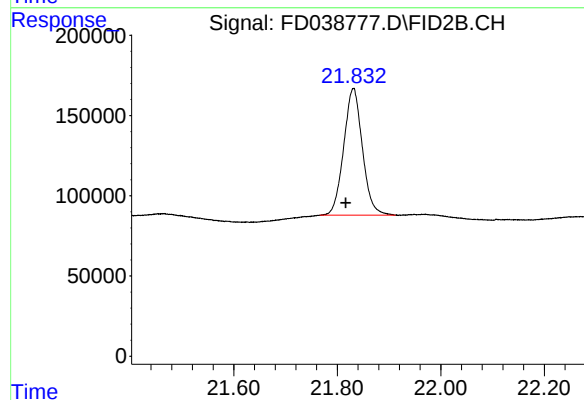
Response: 2001165

Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.899 min
Delta R.T.: 0.012 min
Response: 1969673
Conc: 20.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.831 min
Delta R.T.: 0.015 min
Response: 1981530
Conc: 20.93 ug/ml