

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012822AL\
 Data File : FD040814.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2022 12:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 22:08:08 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)	10.594	2801851	18.172 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.034	2093559	17.786 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
Target Compounds			
1) T n-Nonane (C9)	2.547	525247	4.091 ug/ml
2) T n-Decane (C10)	3.530	2534850	19.686 ug/ml
3) T A~Naphthalene (C11.7)	5.059	2823924	19.877 ug/ml
4) T n-Dodecane (C12)	5.498	2551134	19.960 ug/ml
5) T A~2-methylnaphthalene...	6.099	2814510	19.951 ug/ml
6) T n-Tetradecane (C14)	7.275	2596242	20.042 ug/ml
7) T n-Hexadecane (C16)	8.863	2581277	19.813 ug/ml
8) T n-Octadecane (C18)	10.295	2611749	19.275 ug/ml
10) T n-Eicosane (C20)	11.596	2516805	18.503 ug/ml
11) T n-Heneicosane (C21)	12.205	2483627	17.935 ug/ml
13) T n-Docosane (C22)	12.787	2464760	17.875 ug/ml
14) T n-Tetracosane (C24)	13.884	2445035	17.486 ug/ml
15) T n-Hexacosane (C26)	14.899	2414130	17.513 ug/ml
16) T n-Octacosane (C28)	15.844	2468634	18.194 ug/ml
17) T n-Tricontane (C30)	16.728	2509120	19.251 ug/ml
18) T n-Dotriacontane (C32)	17.557	2365933	19.791 ug/ml
19) T n-Tetratriacontane (C34)	18.337	2185124	20.753 ug/ml
20) T n-Hexatriacontane (C36)	19.073	2037374	20.106 ug/ml
21) T n-Octatriacontane (C38)	19.771	1978946	22.149 ug/ml
22) T n-Tetracontane (C40)	20.564	1975363	23.109 ug/ml

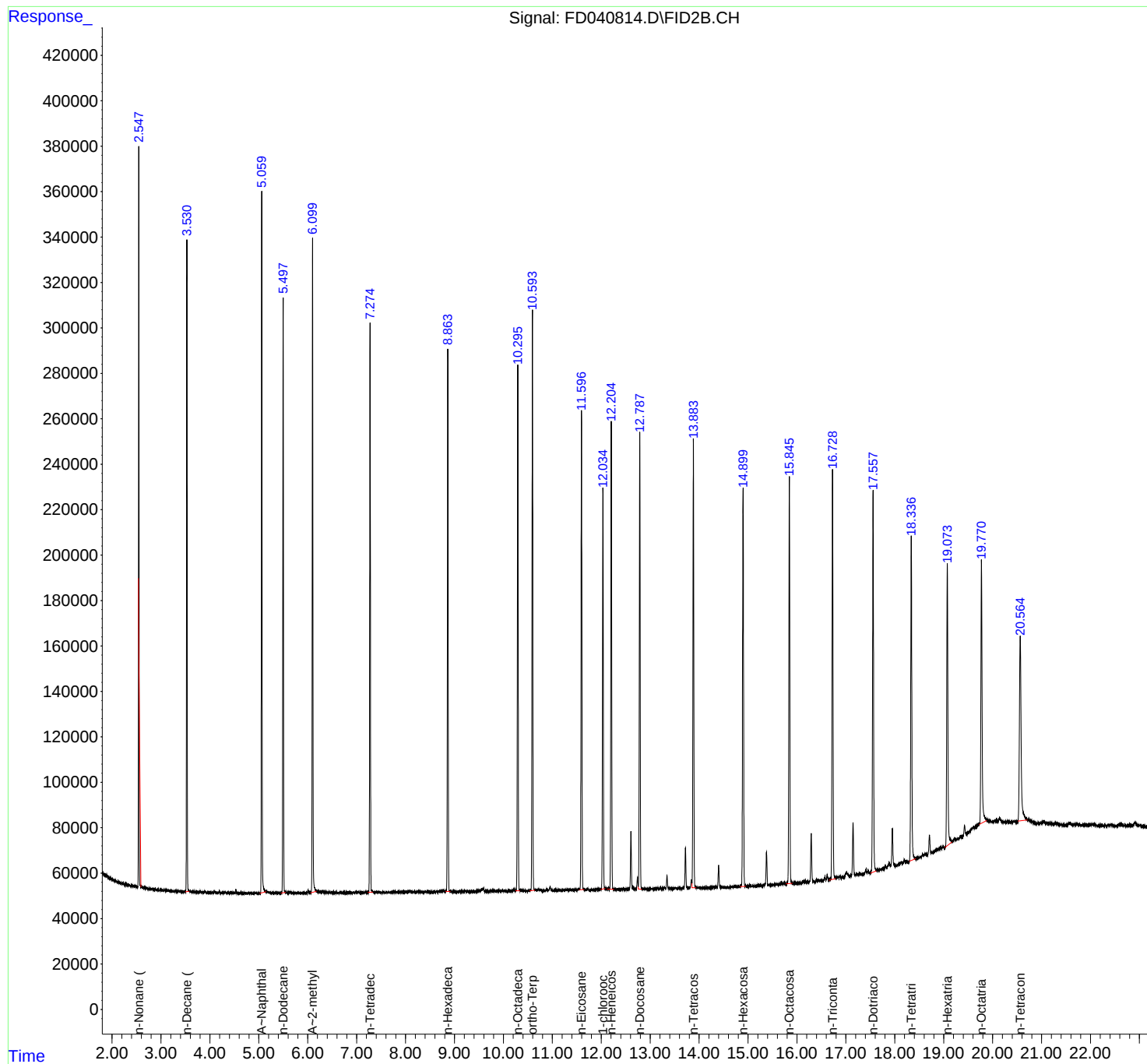
(f)=RT Delta > 1/2 Window

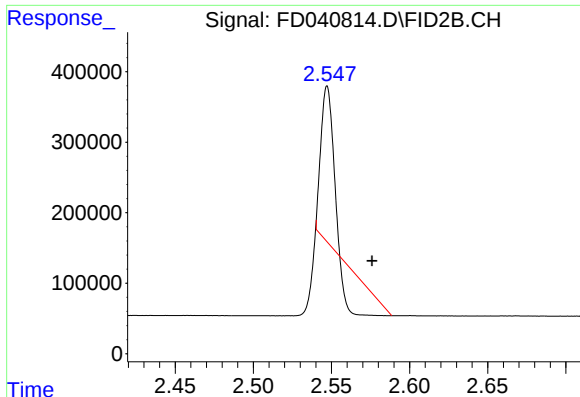
(m)=manual int.

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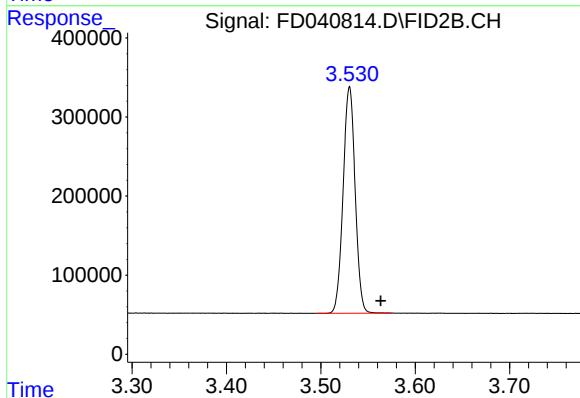
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





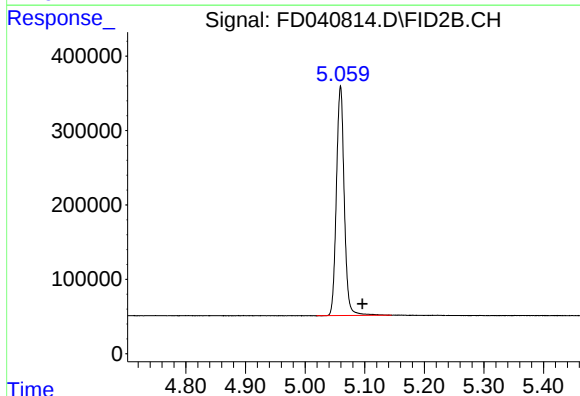
#1 n-Nonane (C9)

R.T.: 2.547 min
Delta R.T.: -0.029 min
Response: 525247
Conc: 4.09 ug/ml



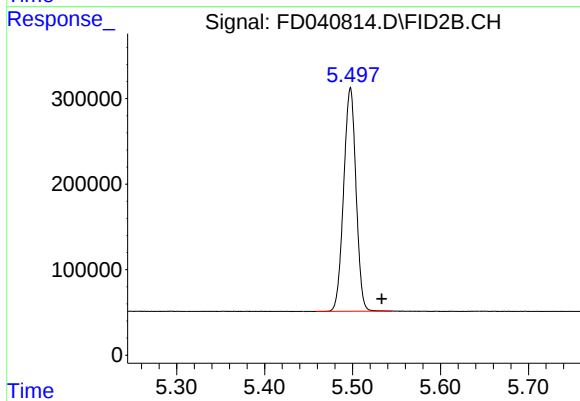
#2 n-Decane (C10)

R.T.: 3.530 min
Delta R.T.: -0.033 min
Response: 2534850
Conc: 19.69 ug/ml



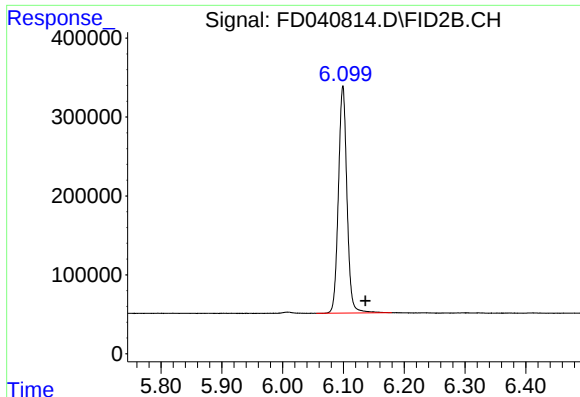
#3 A~Naphthalene (C11.7)

R.T.: 5.059 min
Delta R.T.: -0.037 min
Response: 2823924
Conc: 19.88 ug/ml



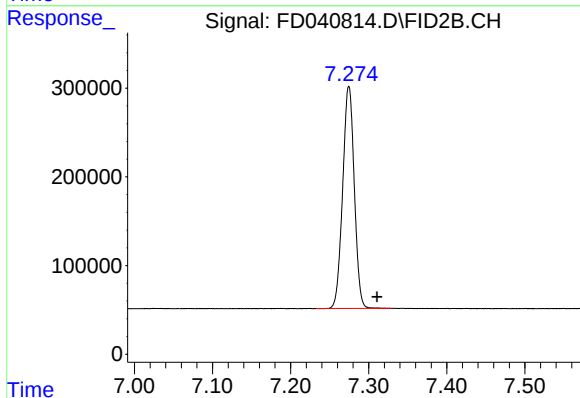
#4 n-Dodecane (C12)

R.T.: 5.498 min
Delta R.T.: -0.035 min
Response: 2551134
Conc: 19.96 ug/ml



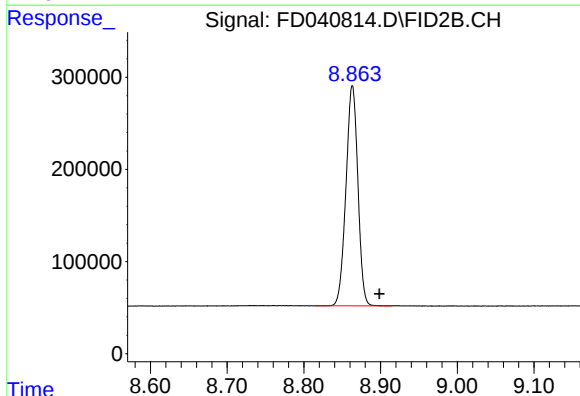
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.099 min
Delta R.T.: -0.037 min
Response: 2814510
Conc: 19.95 ug/ml



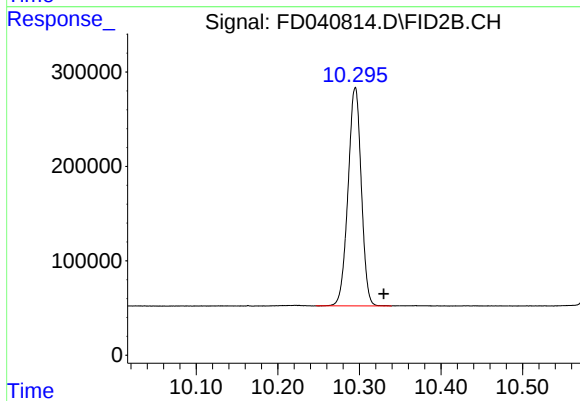
#6 n-Tetradecane (C14)

R.T.: 7.275 min
Delta R.T.: -0.036 min
Response: 2596242
Conc: 20.04 ug/ml



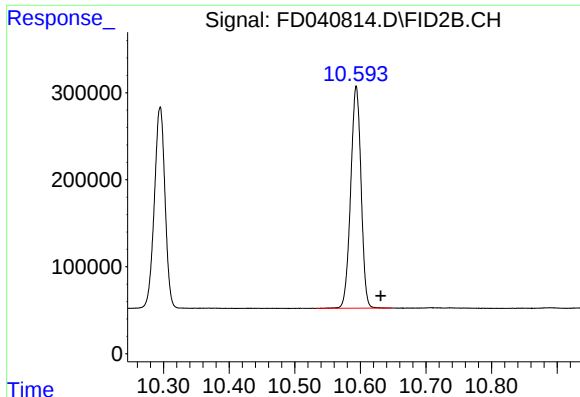
#7 n-Hexadecane (C16)

R.T.: 8.863 min
Delta R.T.: -0.035 min
Response: 2581277
Conc: 19.81 ug/ml



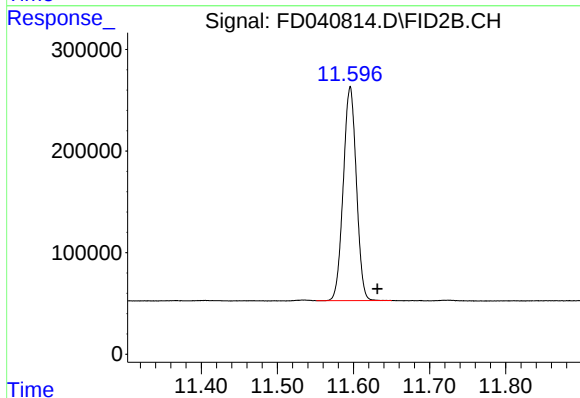
#8 n-Octadecane (C18)

R.T.: 10.295 min
Delta R.T.: -0.035 min
Response: 2611749
Conc: 19.27 ug/ml



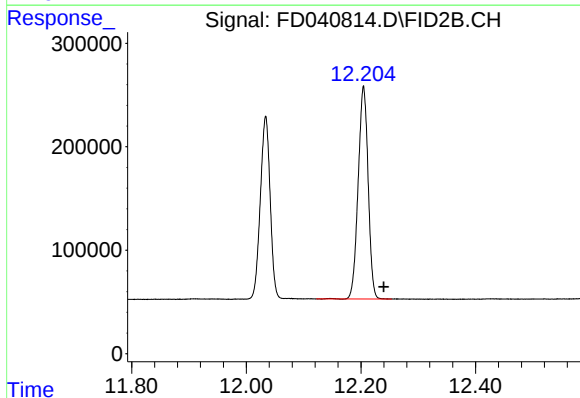
#9 ortho-Terphenyl (SURR)

R.T.: 10.594 min
Delta R.T.: -0.037 min
Response: 2801851
Conc: 18.17 ug/ml



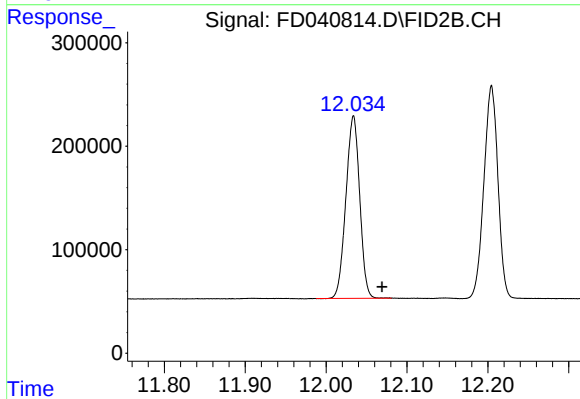
#10 n-Eicosane (C20)

R.T.: 11.596 min
Delta R.T.: -0.036 min
Response: 2516805
Conc: 18.50 ug/ml



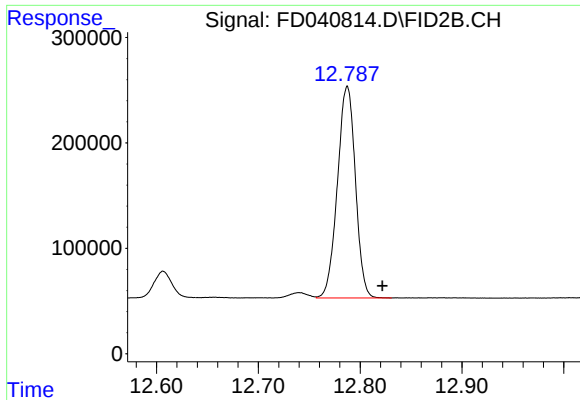
#11 n-Heneicosane (C21)

R.T.: 12.205 min
Delta R.T.: -0.035 min
Response: 2483627
Conc: 17.94 ug/ml



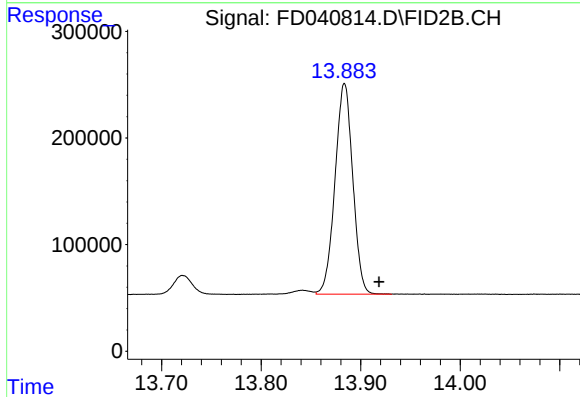
#12 1-chlorooctadecane (SURR)

R.T.: 12.034 min
Delta R.T.: -0.035 min
Response: 2093559
Conc: 17.79 ug/ml



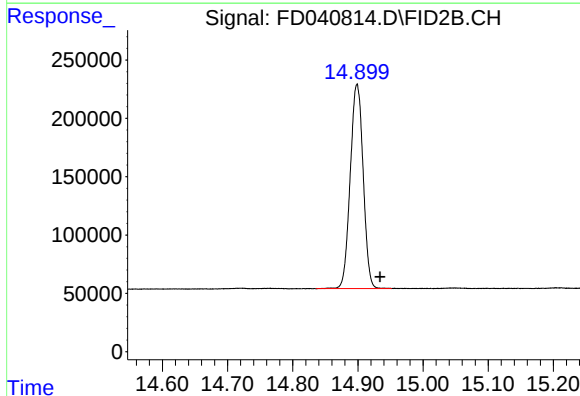
#13 n-Docosane (C22)

R.T.: 12.787 min
Delta R.T.: -0.035 min
Response: 2464760
Conc: 17.88 ug/ml



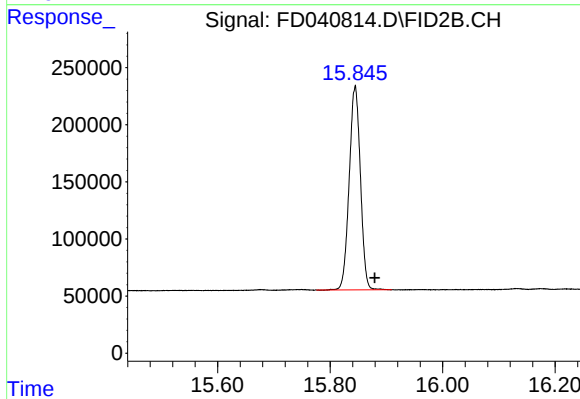
#14 n-Tetracosane (C24)

R.T.: 13.884 min
Delta R.T.: -0.035 min
Response: 2445035
Conc: 17.49 ug/ml



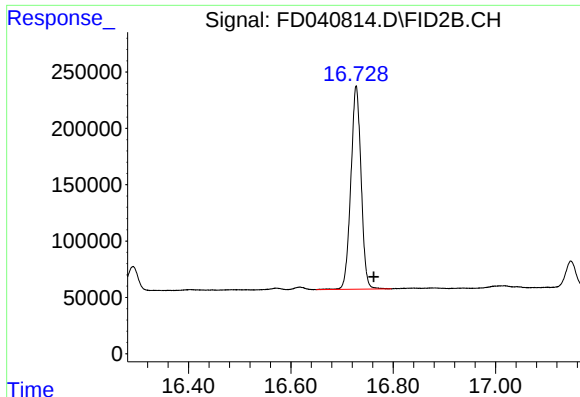
#15 n-Hexacosane (C26)

R.T.: 14.899 min
Delta R.T.: -0.035 min
Response: 2414130
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.844 min
Delta R.T.: -0.035 min
Response: 2468634
Conc: 18.19 ug/ml



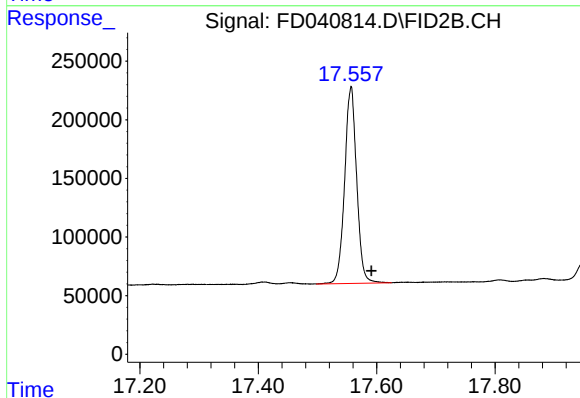
#17 n-Tricontane (C30)

R.T.: 16.728 min

Delta R.T.: -0.035 min

Response: 2509120

Conc: 19.25 ug/ml



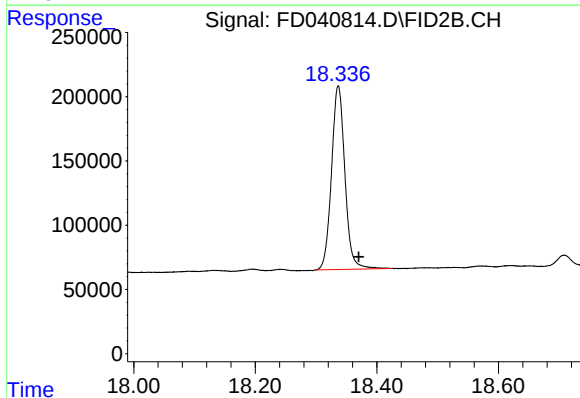
#18 n-Dotriacontane (C32)

R.T.: 17.557 min

Delta R.T.: -0.034 min

Response: 2365933

Conc: 19.79 ug/ml



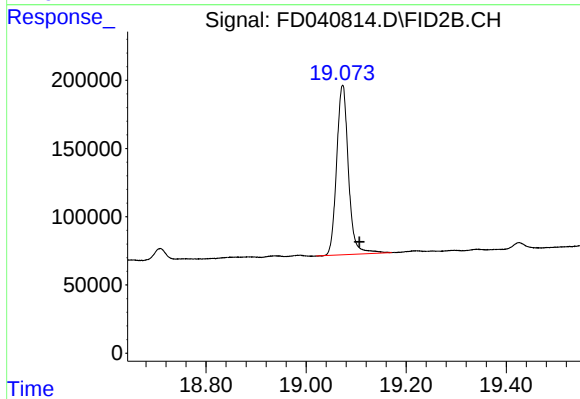
#19 n-Tetratriacontane (C34)

R.T.: 18.337 min

Delta R.T.: -0.034 min

Response: 2185124

Conc: 20.75 ug/ml



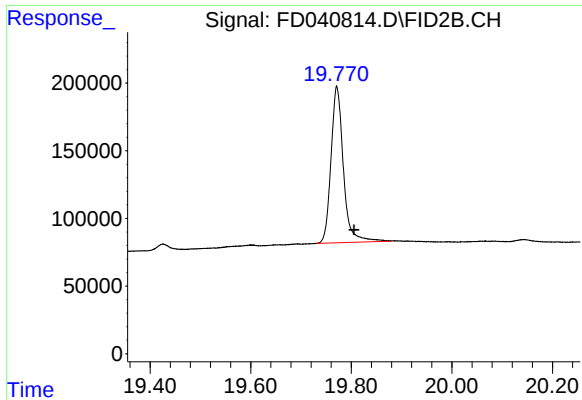
#20 n-Hexatriacontane (C36)

R.T.: 19.073 min

Delta R.T.: -0.033 min

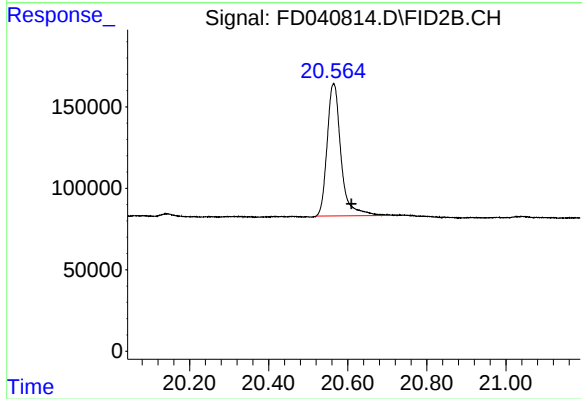
Response: 2037374

Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.771 min
Delta R.T.: -0.035 min
Response: 1978946
Conc: 22.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.564 min
Delta R.T.: -0.045 min
Response: 1975363
Conc: 23.11 ug/ml