

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AL\
 Data File : FD040044.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 10:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 12:06:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.750	3527114	22.468 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
12) S 1-chlorooctadecane (S...	12.184	2771252	22.441 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
Target Compounds			
1) T n-Nonane (C9)	2.655	3183418	22.622 ug/ml
2) T n-Decane (C10)	3.654	3237432	22.698 ug/ml
3) T A~Naphthalene (C11.7)	5.201	3635680	22.649 ug/ml
4) T n-Dodecane (C12)	5.634	3260824	22.838 ug/ml
5) T A~2-methylnaphthalene...	6.244	3669115	22.736 ug/ml
6) T n-Tetradecane (C14)	7.416	3309490	22.962 ug/ml
7) T n-Hexadecane (C16)	9.007	3342197	22.974 ug/ml
8) T n-Octadecane (C18)	10.442	3420045	22.984 ug/ml
10) T n-Eicosane (C20)	11.745	3354468	22.936 ug/ml
11) T n-Heneicosane (C21)	12.354	3323065	22.618 ug/ml
13) T n-Docosane (C22)	12.938	3333251	22.826 ug/ml
14) T n-Tetracosane (C24)	14.036	3382266	23.223 ug/ml
15) T n-Hexacosane (C26)	15.052	3289243	23.451 ug/ml
16) T n-Octacosane (C28)	16.000	3216930	23.719 ug/ml
17) T n-Tricontane (C30)	16.884	3163927	24.212 ug/ml
18) T n-Dotriacontane (C32)	17.714	888973	7.143 ug/ml
19) T n-Tetratriacontane (C34)	18.496	2916400	24.146 ug/ml
20) T n-Hexatriacontane (C36)	19.234	2681437	23.316 ug/ml
21) T n-Octatriacontane (C38)	19.946	2614245	23.421 ug/ml
22) T n-Tetracontane (C40)	20.793	178340	1.565 ug/ml

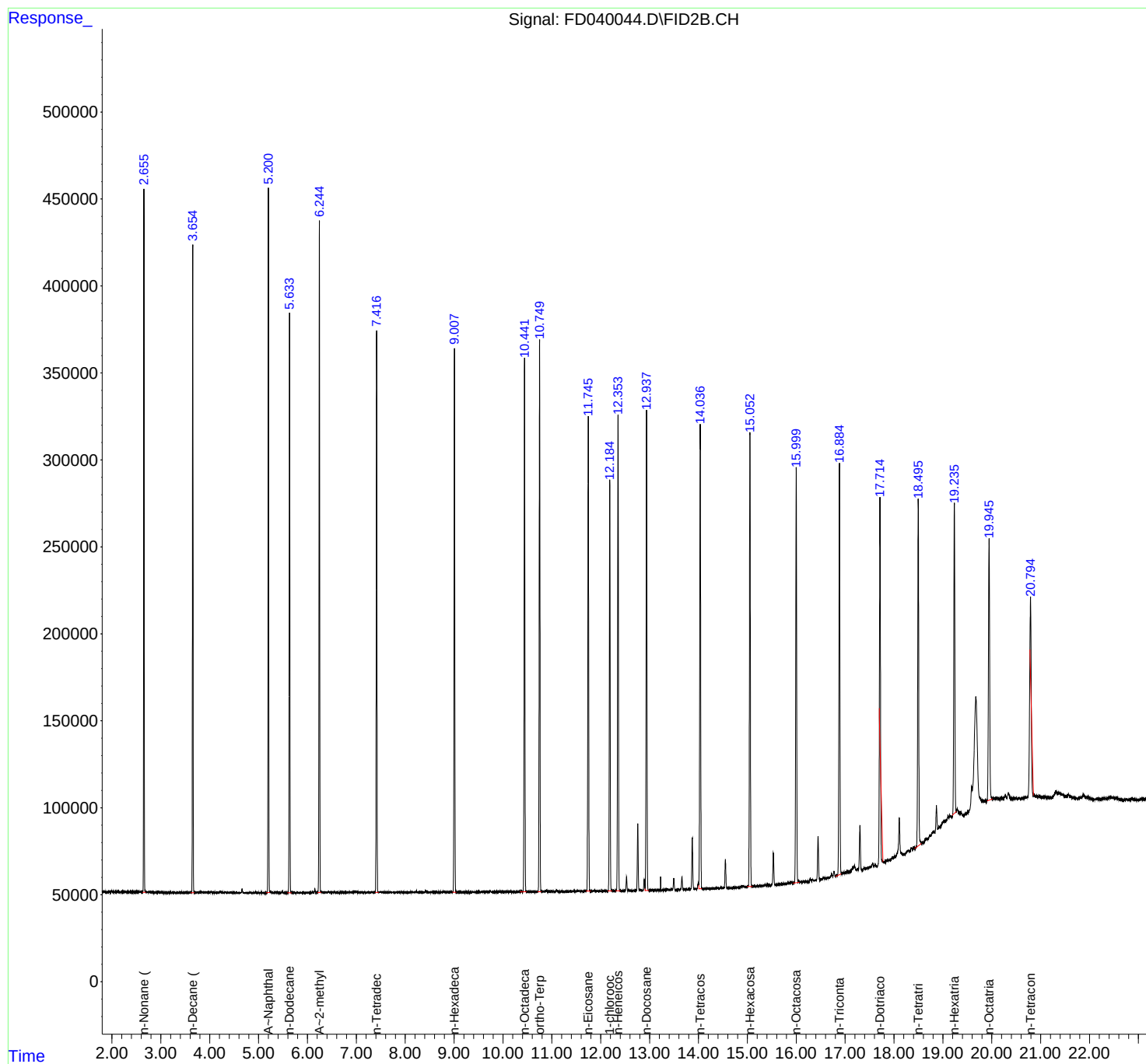
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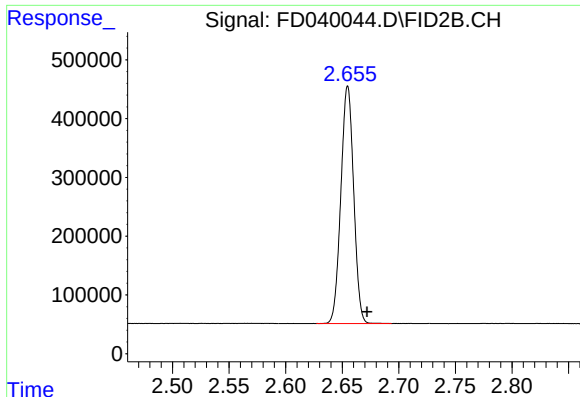
(m)=manual int.

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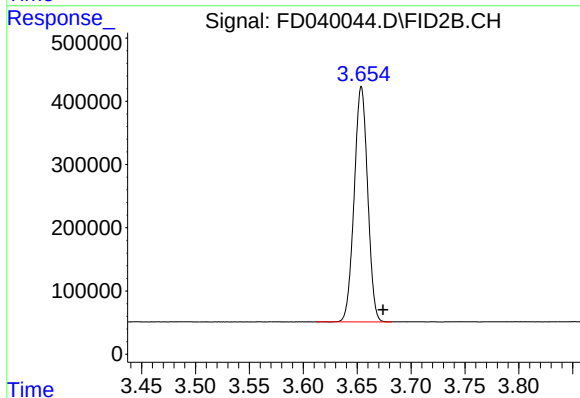
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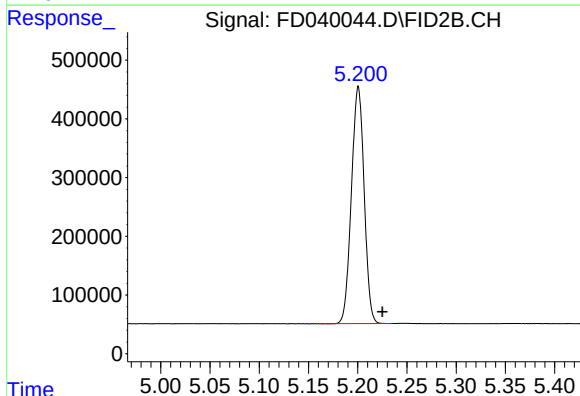
#1 n-Nonane (C9)

R.T.: 2.655 min
Delta R.T.: -0.017 min
Response: 3183418
Conc: 22.62 ug/ml



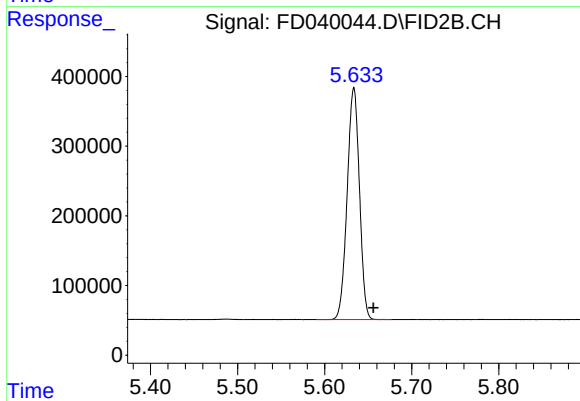
#2 n-Decane (C10)

R.T.: 3.654 min
Delta R.T.: -0.020 min
Response: 3237432
Conc: 22.70 ug/ml



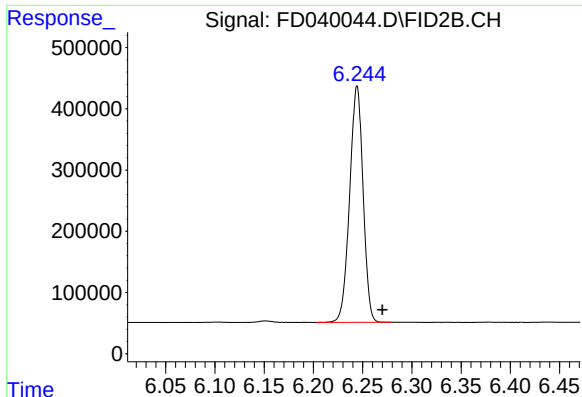
#3 A~Naphthalene (C11.7)

R.T.: 5.201 min
Delta R.T.: -0.024 min
Response: 3635680
Conc: 22.65 ug/ml



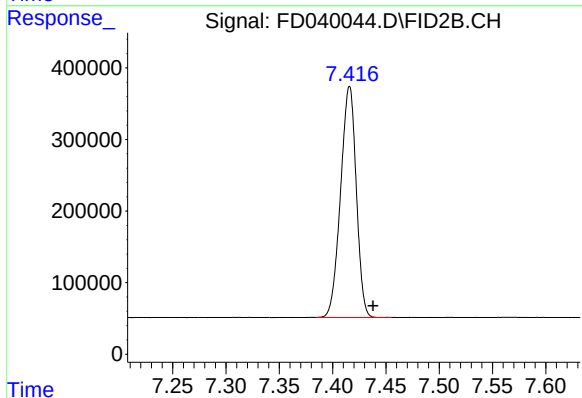
#4 n-Dodecane (C12)

R.T.: 5.634 min
Delta R.T.: -0.022 min
Response: 3260824
Conc: 22.84 ug/ml



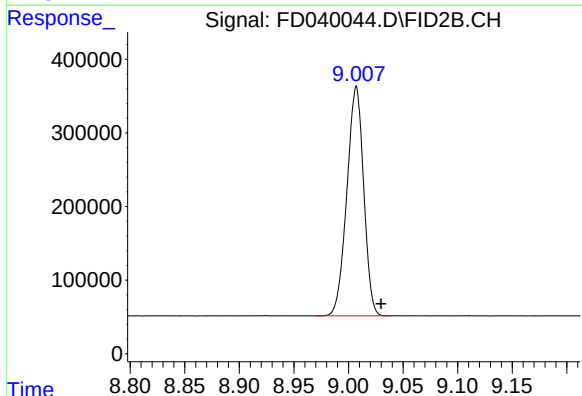
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.244 min
Delta R.T.: -0.026 min
Response: 3669115
Conc: 22.74 ug/ml



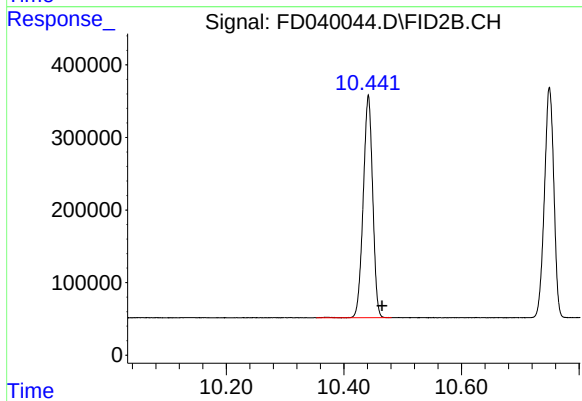
#6 n-Tetradecane (C14)

R.T.: 7.416 min
Delta R.T.: -0.022 min
Response: 3309490
Conc: 22.96 ug/ml



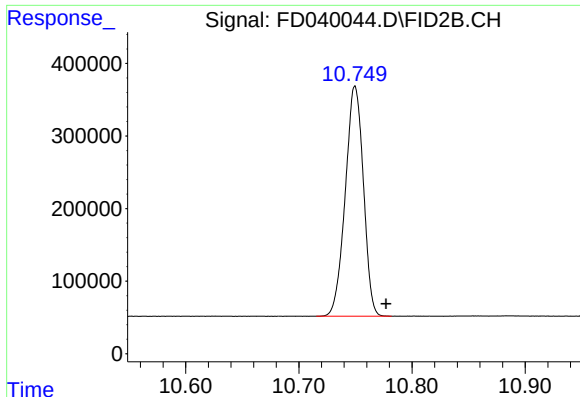
#7 n-Hexadecane (C16)

R.T.: 9.007 min
Delta R.T.: -0.023 min
Response: 3342197
Conc: 22.97 ug/ml



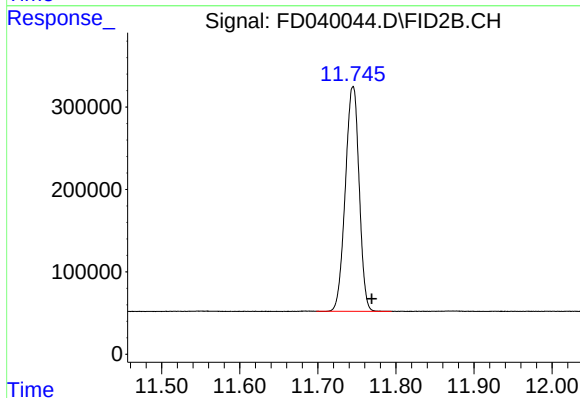
#8 n-Octadecane (C18)

R.T.: 10.442 min
Delta R.T.: -0.023 min
Response: 3420045
Conc: 22.98 ug/ml



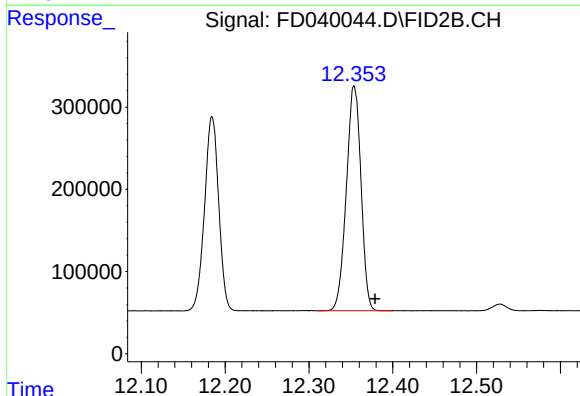
#9 ortho-Terphenyl (SURR)

R.T.: 10.750 min
Delta R.T.: -0.027 min
Response: 3527114
Conc: 22.47 ug/ml



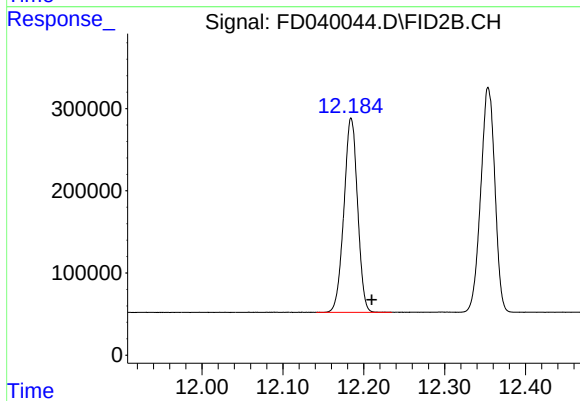
#10 n-Eicosane (C20)

R.T.: 11.745 min
Delta R.T.: -0.024 min
Response: 3354468
Conc: 22.94 ug/ml



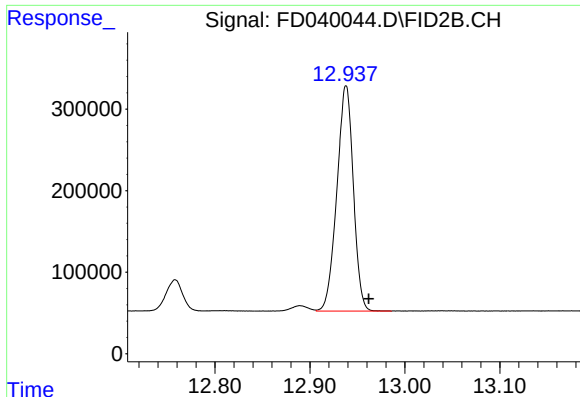
#11 n-Heneicosane (C21)

R.T.: 12.354 min
Delta R.T.: -0.025 min
Response: 3323065
Conc: 22.62 ug/ml



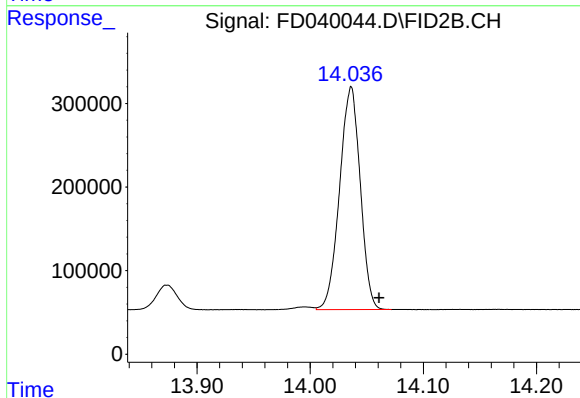
#12 1-chlorooctadecane (SURR)

R.T.: 12.184 min
Delta R.T.: -0.026 min
Response: 2771252
Conc: 22.44 ug/ml



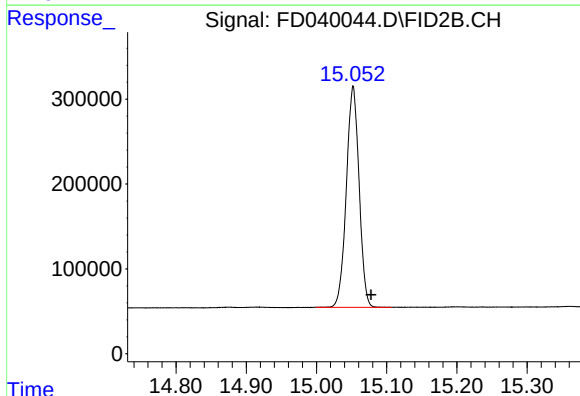
#13 n-Docosane (C22)

R.T.: 12.938 min
Delta R.T.: -0.024 min
Response: 3333251
Conc: 22.83 ug/ml



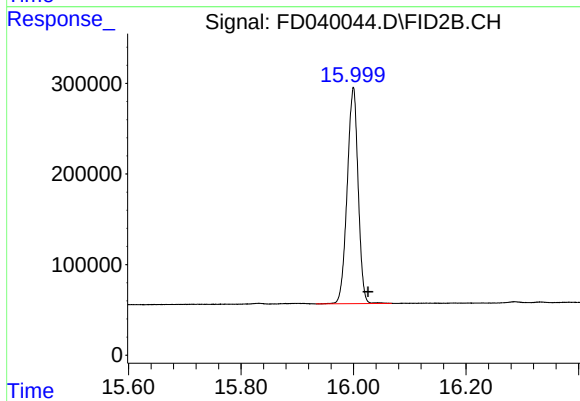
#14 n-Tetracosane (C24)

R.T.: 14.036 min
Delta R.T.: -0.025 min
Response: 3382266
Conc: 23.22 ug/ml



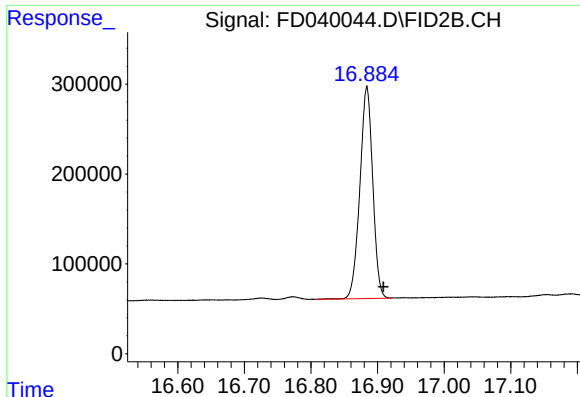
#15 n-Hexacosane (C26)

R.T.: 15.052 min
Delta R.T.: -0.026 min
Response: 3289243
Conc: 23.45 ug/ml



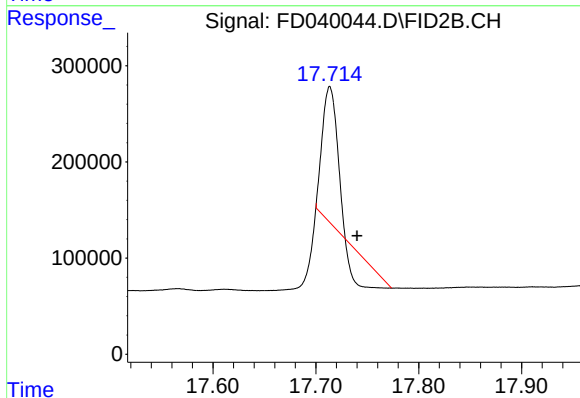
#16 n-Octacosane (C28)

R.T.: 16.000 min
Delta R.T.: -0.026 min
Response: 3216930
Conc: 23.72 ug/ml



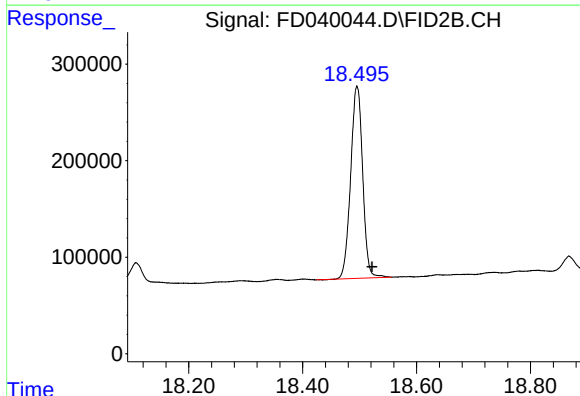
#17 n-Tricontane (C30)

R.T.: 16.884 min
Delta R.T.: -0.025 min
Response: 3163927
Conc: 24.21 ug/ml



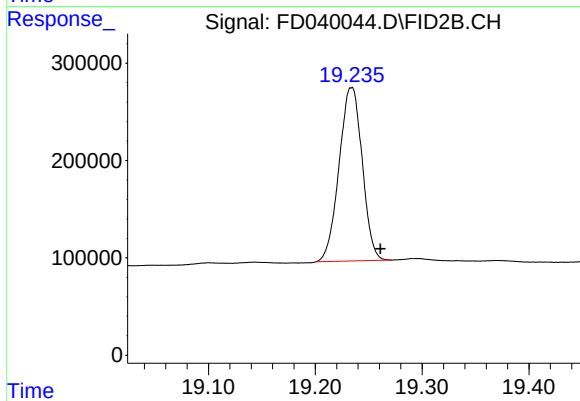
#18 n-Dotriacontane (C32)

R.T.: 17.714 min
Delta R.T.: -0.026 min
Response: 888973
Conc: 7.14 ug/ml



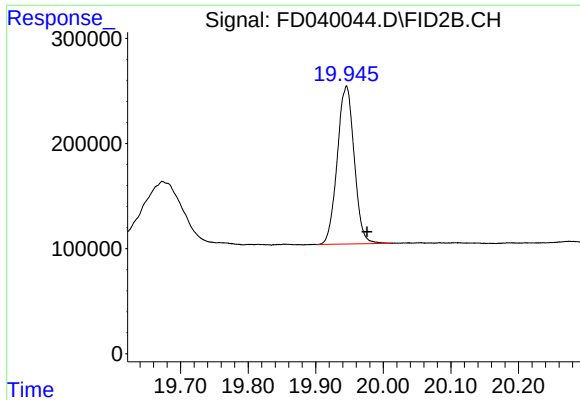
#19 n-Tetratriacontane (C34)

R.T.: 18.496 min
Delta R.T.: -0.026 min
Response: 2916400
Conc: 24.15 ug/ml



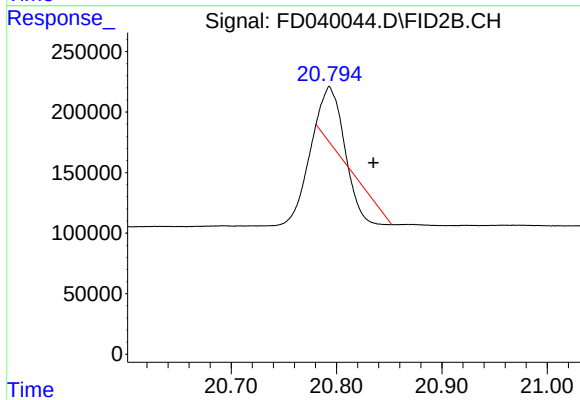
#20 n-Hexatriacontane (C36)

R.T.: 19.234 min
Delta R.T.: -0.027 min
Response: 2681437
Conc: 23.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.946 min
Delta R.T.: -0.030 min
Response: 2614245
Conc: 23.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.793 min
Delta R.T.: -0.042 min
Response: 178340
Conc: 1.57 ug/ml