

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052822AL\
 Data File : FE035793.D
 Signal(s) : FID1B.CH
 Acq On : 28 May 2022 8:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 30 00:18:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.954	2837680	21.392 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
12) S 1-chlorooctadecane (S...	12.385	2196532	20.998 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	2.805	2700865	22.614 ug/ml
2) T n-Decane (C10)	3.818	2680877	22.655 ug/ml
3) T A~Naphthalene (C11.7)	5.386	2926402	21.900 ug/ml
4) T n-Dodecane (C12)	5.809	2685910	22.419 ug/ml
5) T A~2-methylnaphthalene...	6.435	2935745	21.709 ug/ml
6) T n-Tetradecane (C14)	7.598	2641194	22.160 ug/ml
7) T n-Hexadecane (C16)	9.196	2623831	22.005 ug/ml
8) T n-Octadecane (C18)	10.634	2614754	21.812 ug/ml
10) T n-Eicosane (C20)	11.942	2551414	21.386 ug/ml
11) T n-Heneicosane (C21)	12.552	2546191	21.207 ug/ml
13) T n-Docosane (C22)	13.137	2549658	21.172 ug/ml
14) T n-Tetracosane (C24)	14.238	2560714	21.163 ug/ml
15) T n-Hexacosane (C26)	15.255	2526915	20.881 ug/ml
16) T n-Octacosane (C28)	16.203	2539265	20.952 ug/ml
17) T n-Tricontane (C30)	17.088	2539611	21.121 ug/ml
18) T n-Dotriacontane (C32)	17.920	2443227	21.260 ug/ml
19) T n-Tetratriacontane (C34)	18.702	2285769	21.130 ug/ml
20) T n-Hexatriacontane (C36)	19.441	2162098	21.463 ug/ml
21) T n-Octatriacontane (C38)	20.177	2249699	23.612 ug/ml
22) T n-Tetracontane (C40)	21.094	2201884	23.578 ug/ml

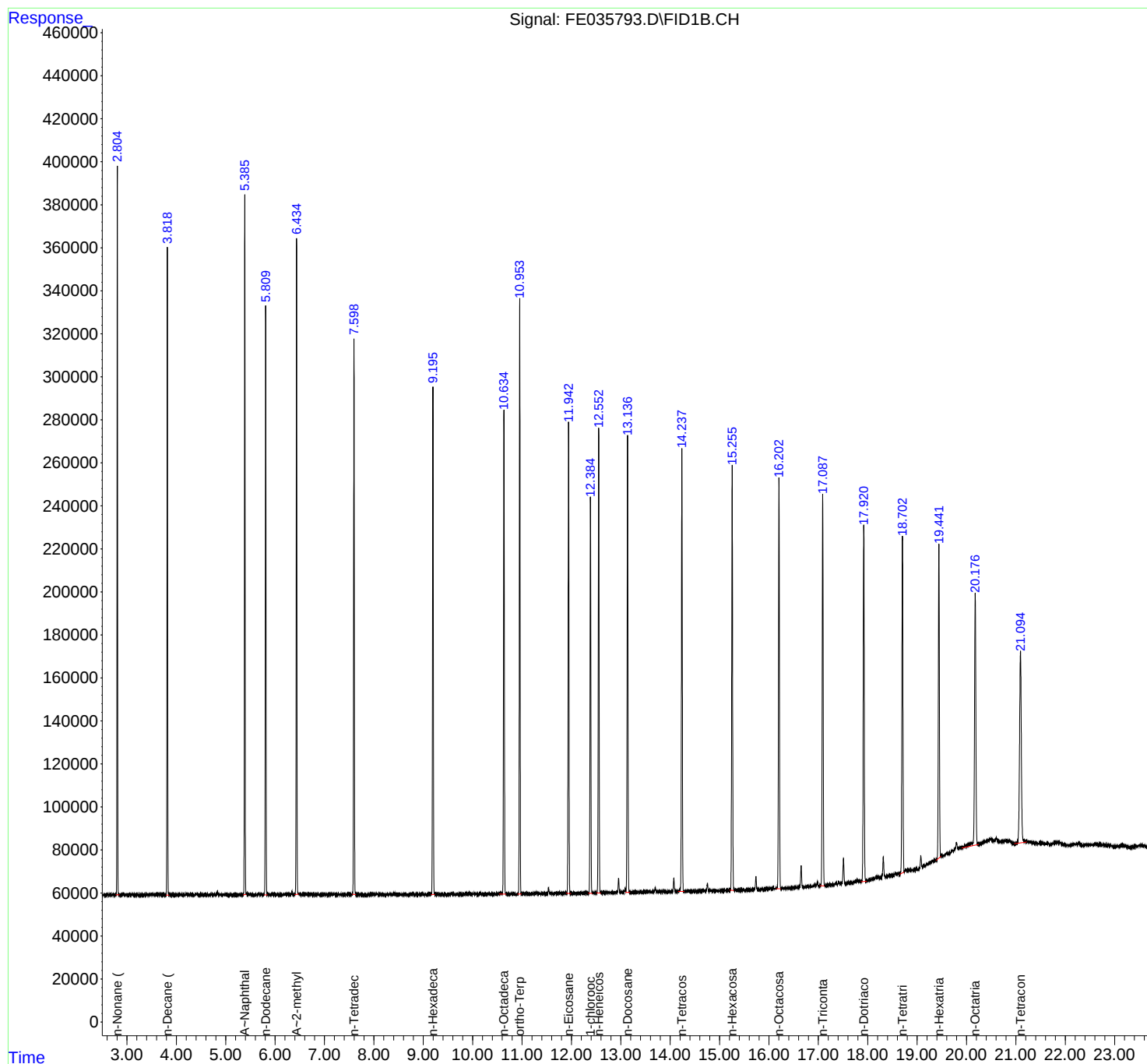
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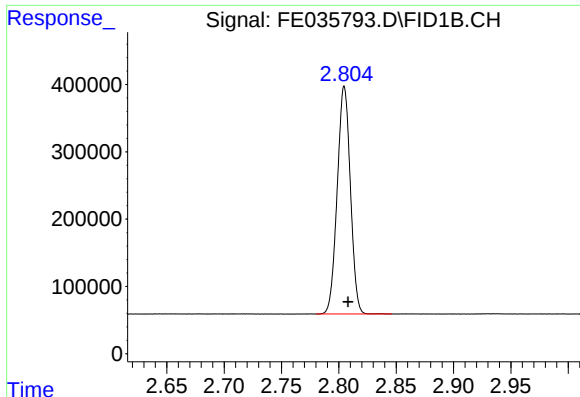
(m)=manual int.

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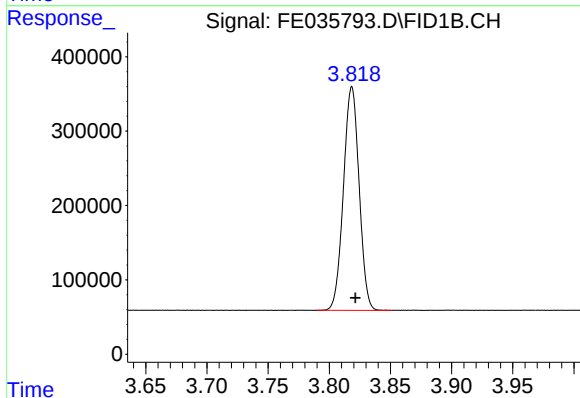
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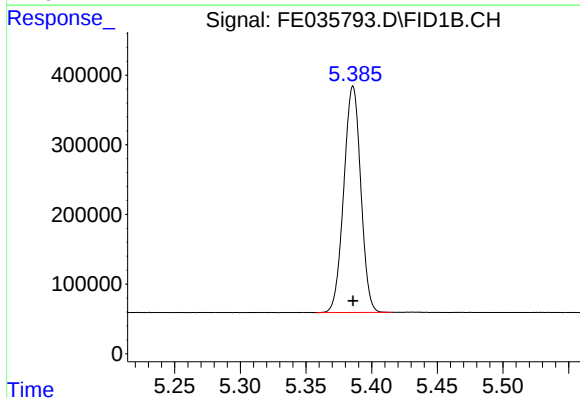
#1 n-Nonane (C9)

R.T.: 2.805 min
Delta R.T.: -0.003 min
Response: 2700865
Conc: 22.61 ug/ml



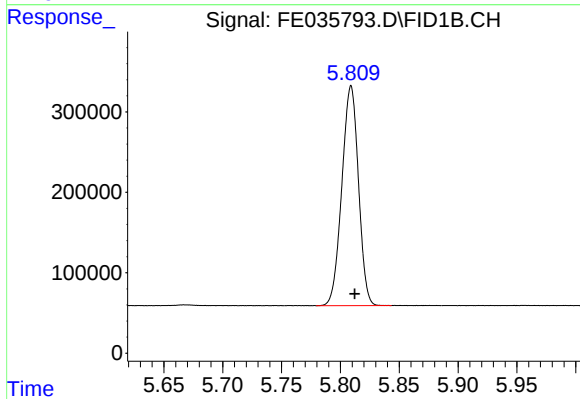
#2 n-Decane (C10)

R.T.: 3.818 min
Delta R.T.: -0.003 min
Response: 2680877
Conc: 22.65 ug/ml



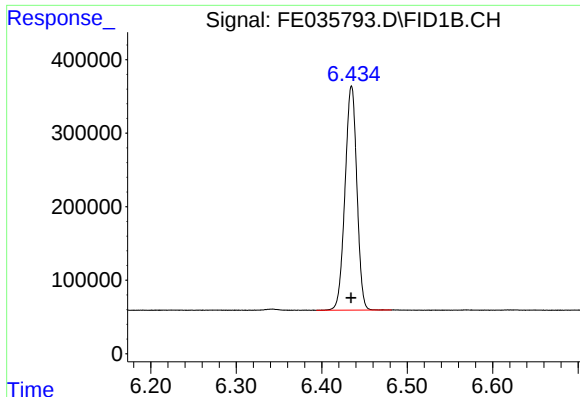
#3 A~Naphthalene (C11.7)

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 2926402
Conc: 21.90 ug/ml



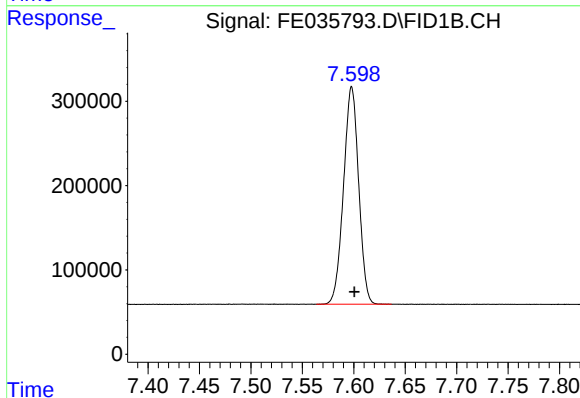
#4 n-Dodecane (C12)

R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 2685910
Conc: 22.42 ug/ml



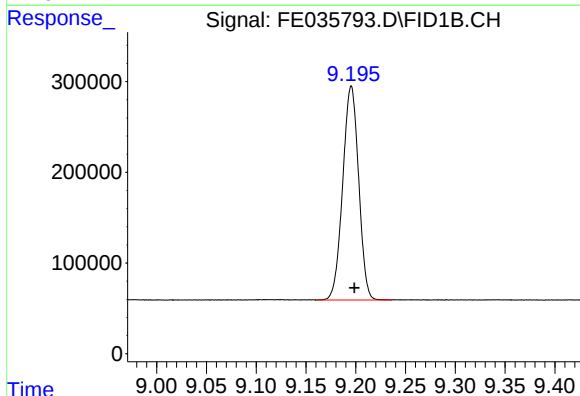
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 2935745
Conc: 21.71 ug/ml



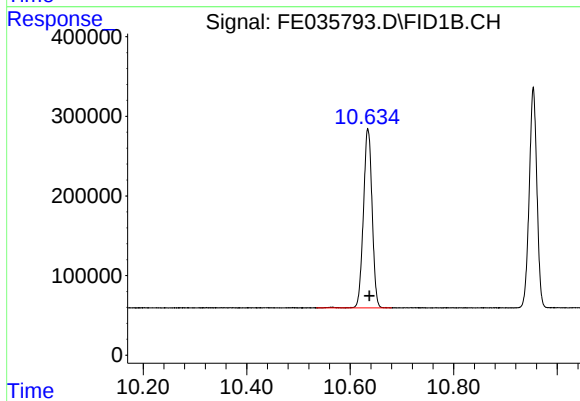
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 2641194
Conc: 22.16 ug/ml



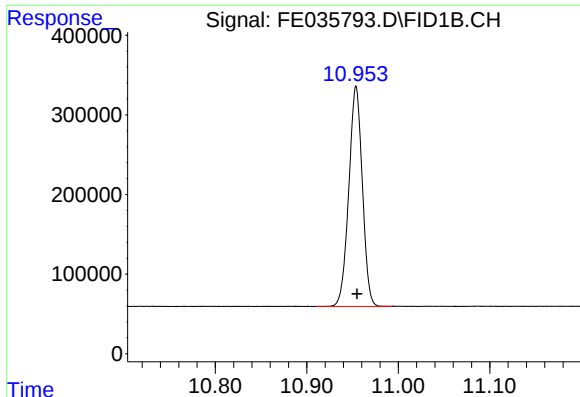
#7 n-Hexadecane (C16)

R.T.: 9.196 min
Delta R.T.: -0.003 min
Response: 2623831
Conc: 22.00 ug/ml



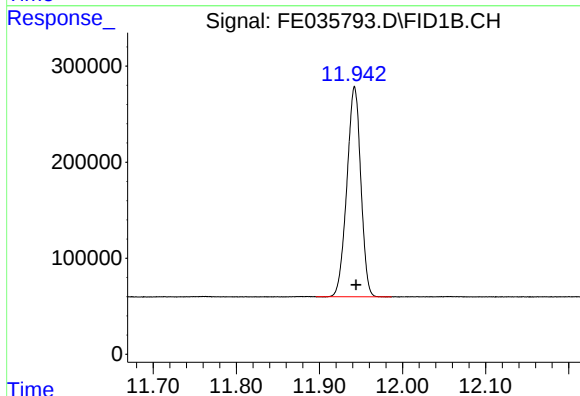
#8 n-Octadecane (C18)

R.T.: 10.634 min
Delta R.T.: -0.003 min
Response: 2614754
Conc: 21.81 ug/ml



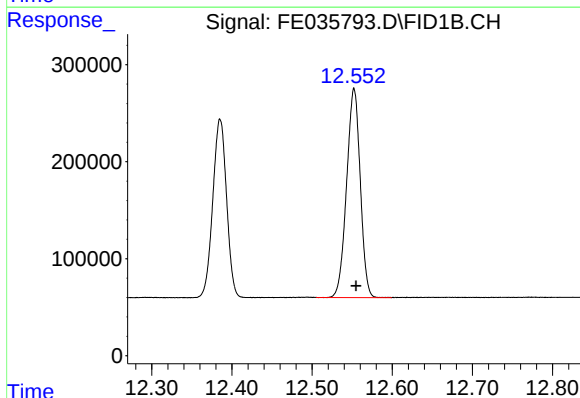
#9 ortho-Terphenyl (SURR)

R.T.: 10.954 min
Delta R.T.: 0.000 min
Response: 2837680
Conc: 21.39 ug/ml



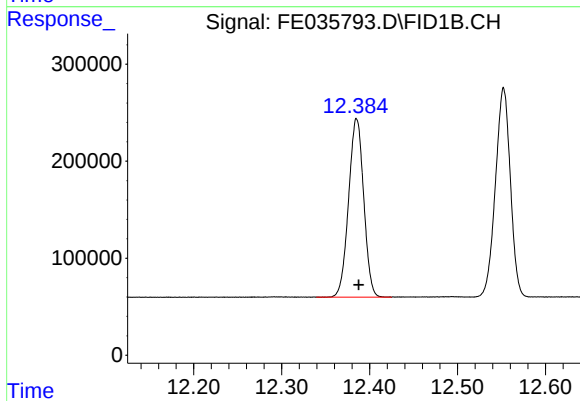
#10 n-Eicosane (C20)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 2551414
Conc: 21.39 ug/ml



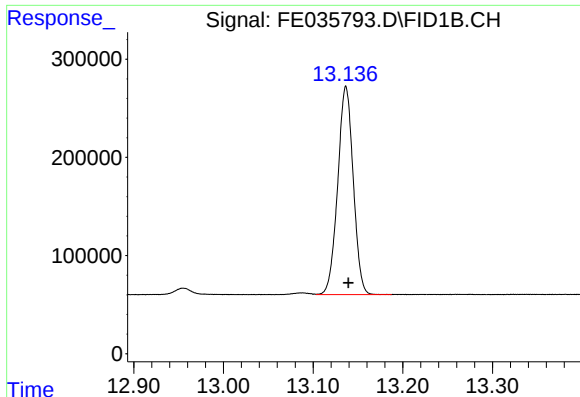
#11 n-Heneicosane (C21)

R.T.: 12.552 min
Delta R.T.: -0.002 min
Response: 2546191
Conc: 21.21 ug/ml



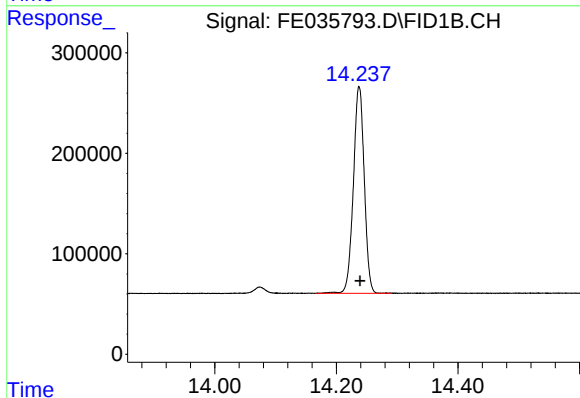
#12 1-chlorooctadecane (SURR)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 2196532
Conc: 21.00 ug/ml



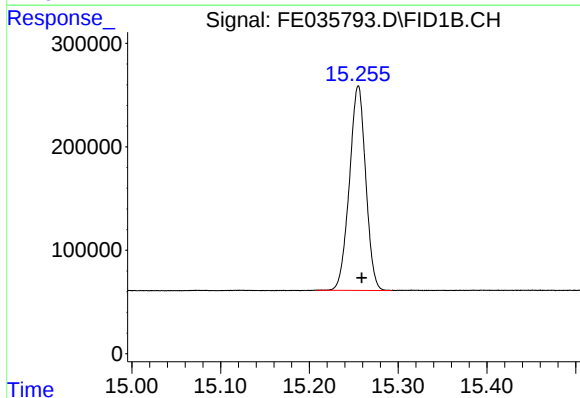
#13 n-Docosane (C22)

R.T.: 13.137 min
Delta R.T.: -0.003 min
Response: 2549658
Conc: 21.17 ug/ml



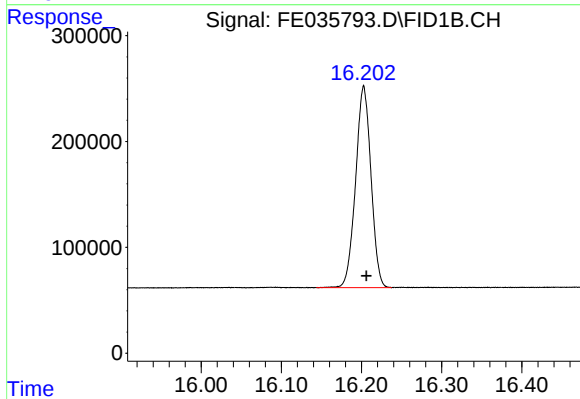
#14 n-Tetracosane (C24)

R.T.: 14.238 min
Delta R.T.: -0.001 min
Response: 2560714
Conc: 21.16 ug/ml



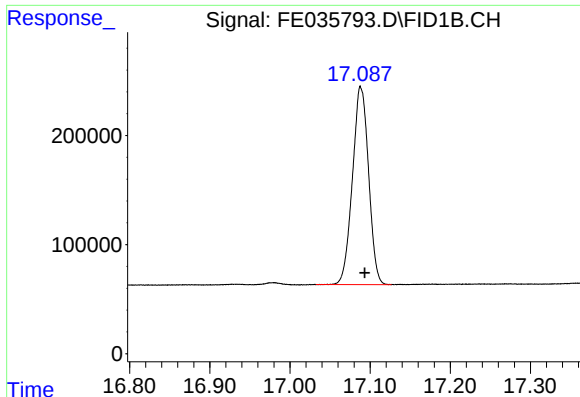
#15 n-Hexacosane (C26)

R.T.: 15.255 min
Delta R.T.: -0.004 min
Response: 2526915
Conc: 20.88 ug/ml



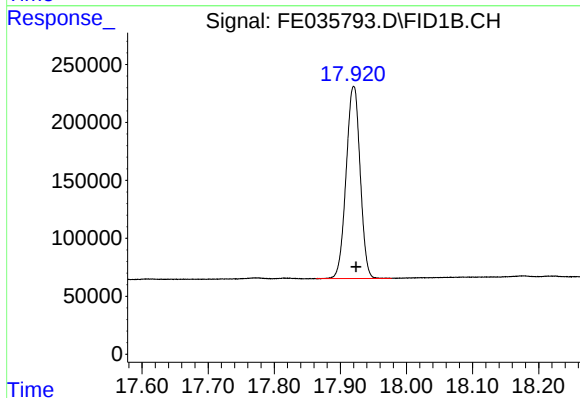
#16 n-Octacosane (C28)

R.T.: 16.203 min
Delta R.T.: -0.004 min
Response: 2539265
Conc: 20.95 ug/ml



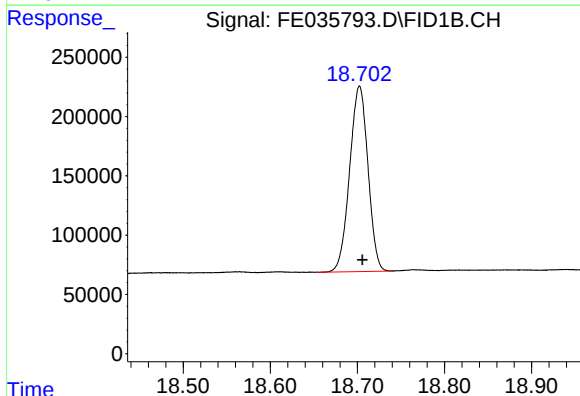
#17 n-Tricontane (C30)

R.T.: 17.088 min
Delta R.T.: -0.005 min
Response: 2539611
Conc: 21.12 ug/ml



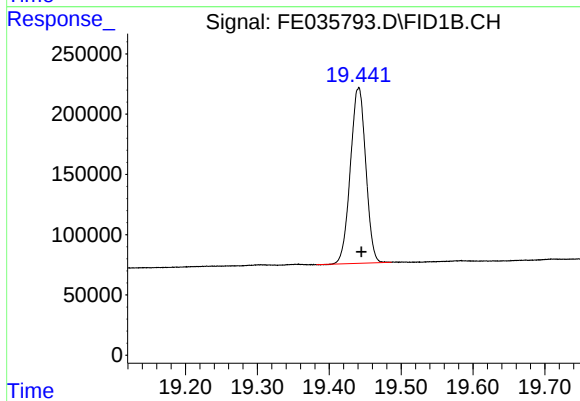
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.004 min
Response: 2443227
Conc: 21.26 ug/ml



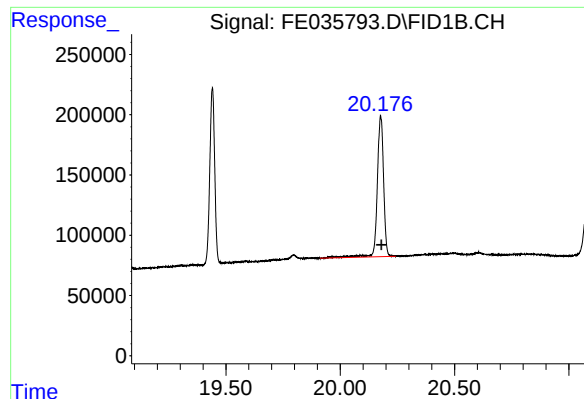
#19 n-Tetratriacontane (C34)

R.T.: 18.702 min
Delta R.T.: -0.003 min
Response: 2285769
Conc: 21.13 ug/ml



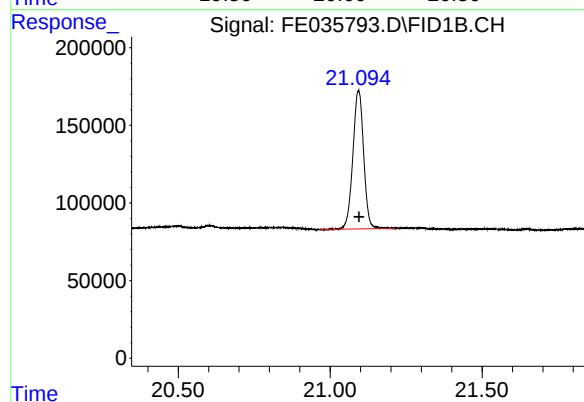
#20 n-Hexatriacontane (C36)

R.T.: 19.441 min
Delta R.T.: -0.004 min
Response: 2162098
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.177 min
Delta R.T.: -0.004 min
Response: 2249699
Conc: 23.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.094 min
Delta R.T.: -0.001 min
Response: 2201884
Conc: 23.58 ug/ml