

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121421AL\
 Data File : FE034629.D
 Signal(s) : FID1B.CH
 Acq On : 15 Dec 2021 10:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 12:31:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:59:54 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)	11.579	2446517	20.123 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.008	1924920	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.350	2171383	20.098 ug/ml
2) T n-Decane (C10)	4.416	2192475	20.158 ug/ml
3) T A~Naphthalene (C11.7)	6.004	2480705	20.221 ug/ml
4) T n-Dodecane (C12)	6.431	2180125	20.179 ug/ml
5) T A~2-methylnaphthalene...	7.057	2495629	20.225 ug/ml
6) T n-Tetradecane (C14)	8.223	2189429	20.125 ug/ml
7) T n-Hexadecane (C16)	9.819	2203666	20.121 ug/ml
8) T n-Octadecane (C18)	11.258	2262820	20.080 ug/ml
10) T n-Eicosane (C20)	12.564	2255685	20.102 ug/ml
11) T n-Heneicosane (C21)	13.174	2279198	20.041 ug/ml
13) T n-Docosane (C22)	13.759	2263133	20.013 ug/ml
14) T n-Tetracosane (C24)	14.859	2288875	20.008 ug/ml
15) T n-Hexacosane (C26)	15.878	2272153	20.144 ug/ml
16) T n-Octacosane (C28)	16.825	2261172	20.204 ug/ml
17) T n-Tricontane (C30)	17.709	2235294	20.198 ug/ml
18) T n-Dotriacontane (C32)	18.542	2140520	20.400 ug/ml
19) T n-Tetratriacontane (C34)	19.324	2087043	20.719 ug/ml
20) T n-Hexatriacontane (C36)	20.062	1976806	20.877 ug/ml
21) T n-Octatriacontane (C38)	20.791	1866619	22.006 ug/ml
22) T n-Tetracontane (C40)	21.692	1829445	23.607 ug/mlm

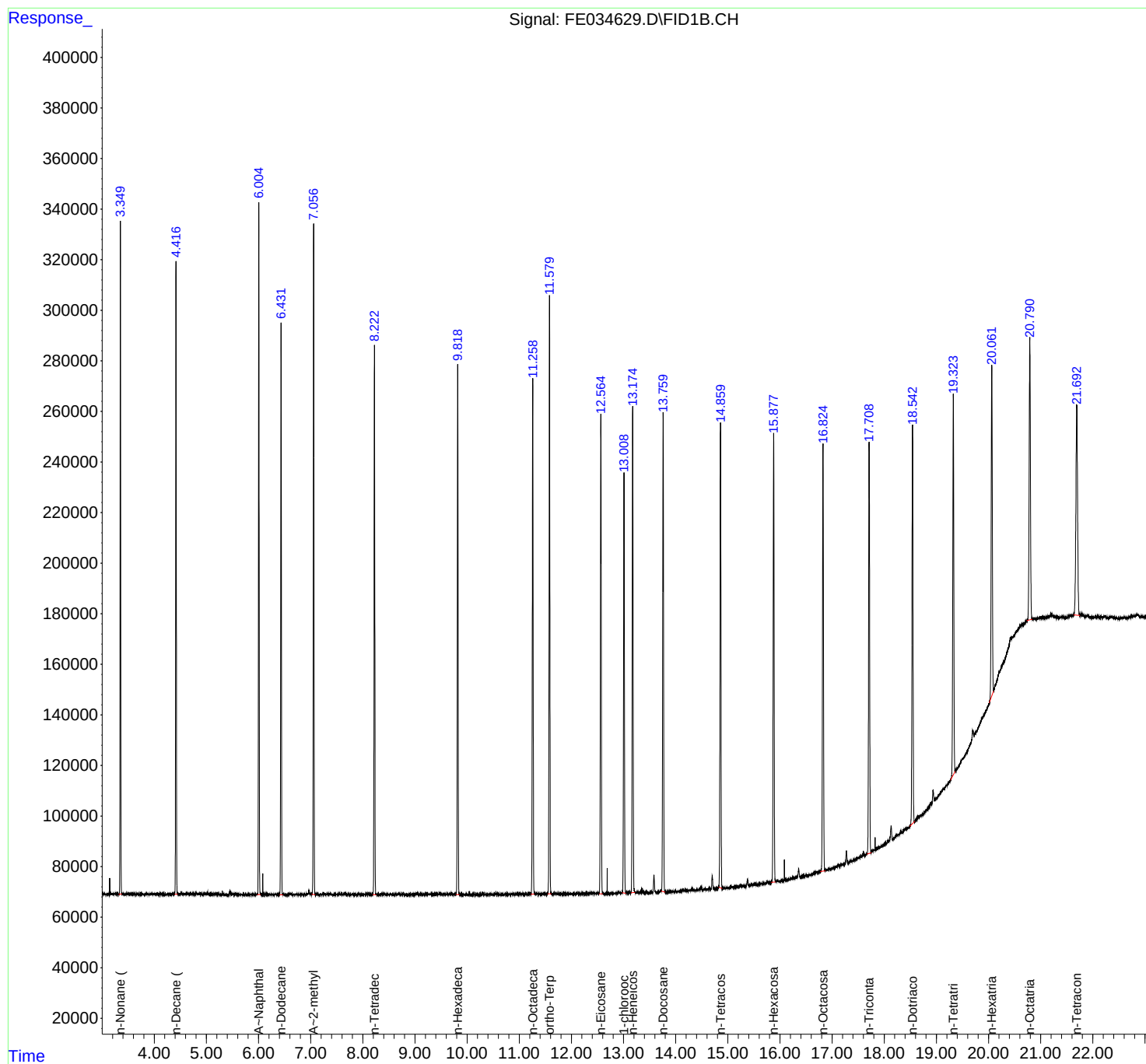
(f)=RT Delta > 1/2 Window

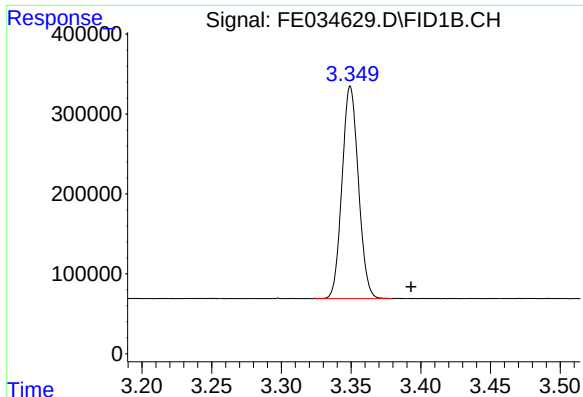
(m)=manual int.

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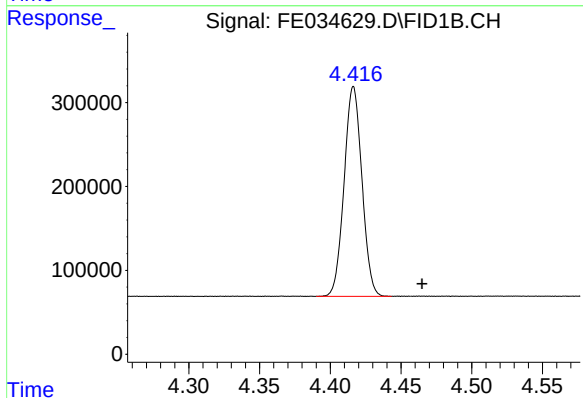
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





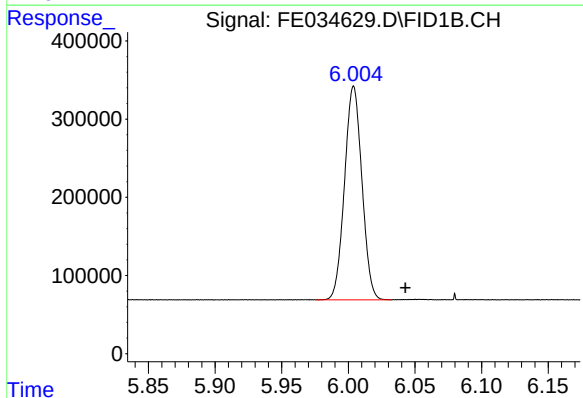
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.043 min
Response: 2171383
Conc: 20.10 ug/ml



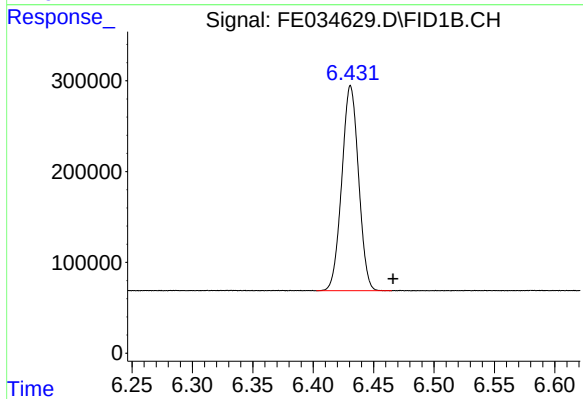
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.049 min
Response: 2192475
Conc: 20.16 ug/ml



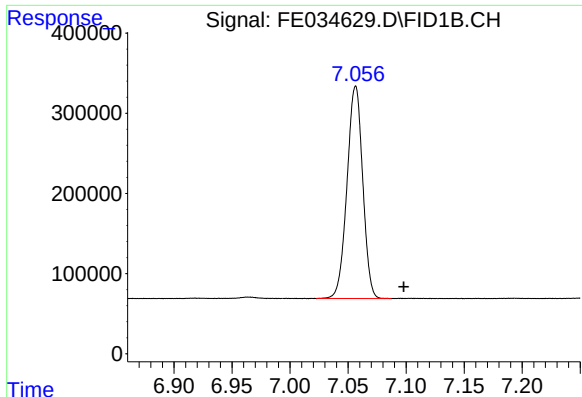
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: -0.039 min
Response: 2480705
Conc: 20.22 ug/ml



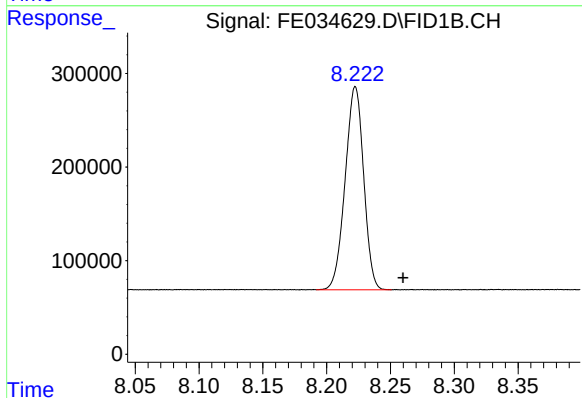
#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.035 min
Response: 2180125
Conc: 20.18 ug/ml



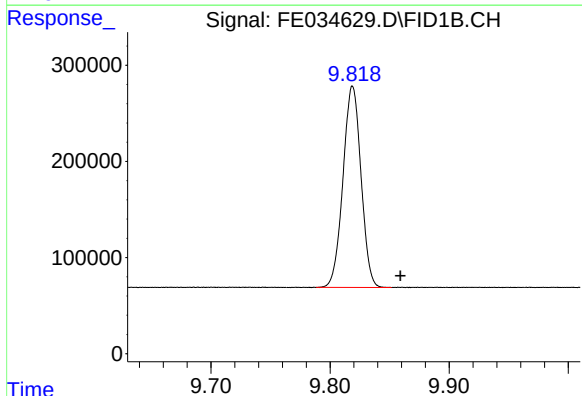
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.041 min
Response: 2495629
Conc: 20.23 ug/ml



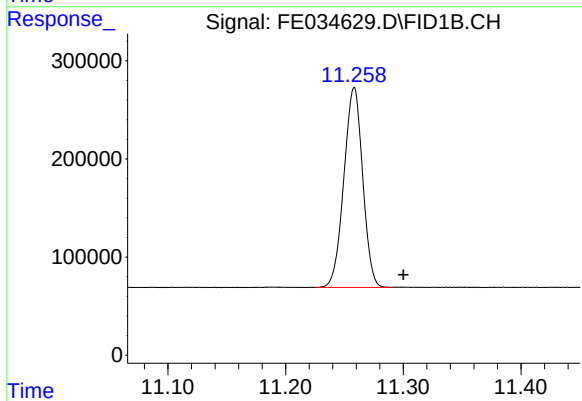
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.037 min
Response: 2189429
Conc: 20.12 ug/ml



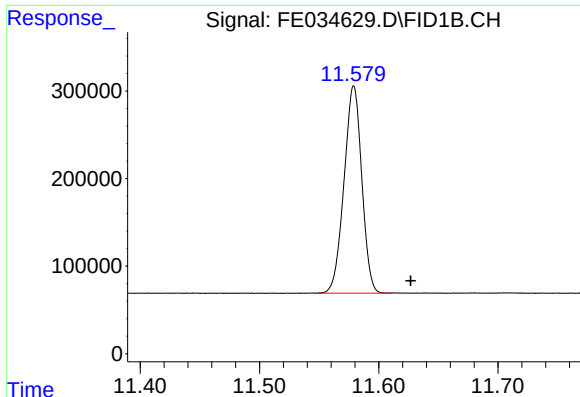
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.040 min
Response: 2203666
Conc: 20.12 ug/ml



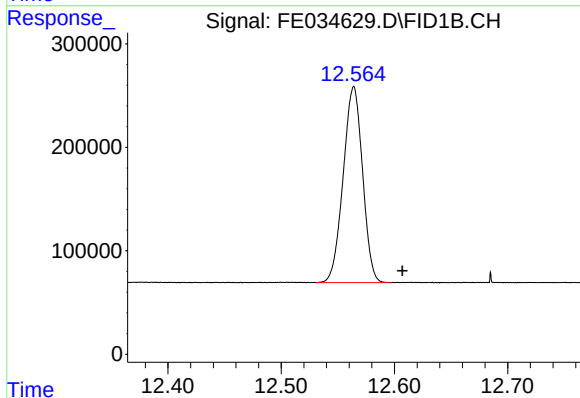
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.042 min
Response: 2262820
Conc: 20.08 ug/ml



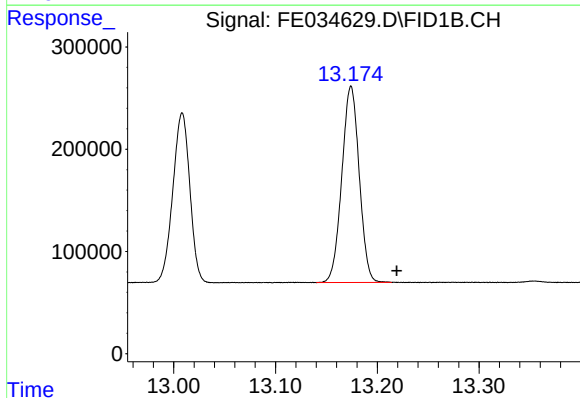
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.048 min
Response: 2446517
Conc: 20.12 ug/ml



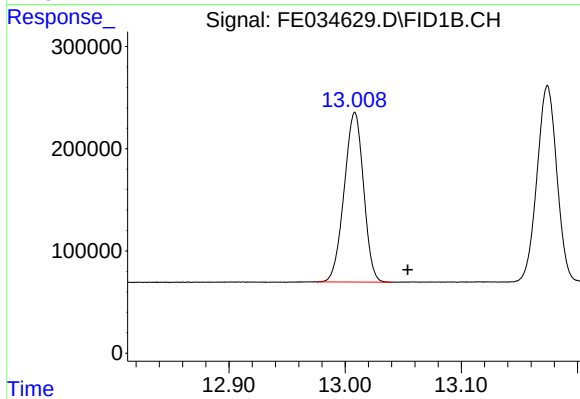
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.043 min
Response: 2255685
Conc: 20.10 ug/ml



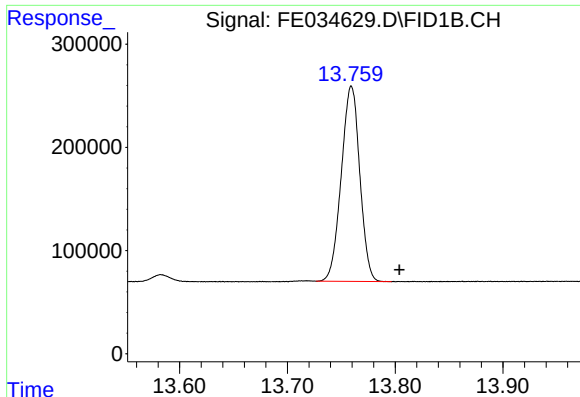
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.045 min
Response: 2279198
Conc: 20.04 ug/ml



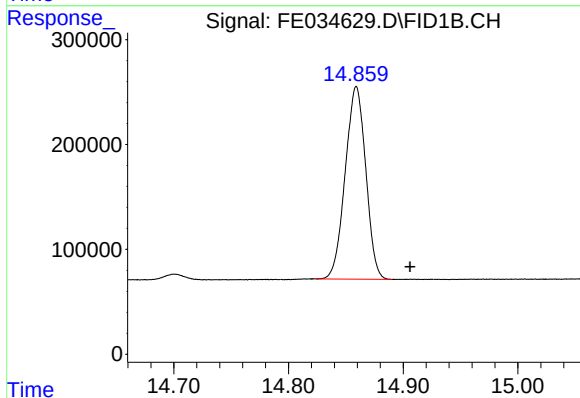
#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: -0.046 min
Response: 1924920
Conc: 20.09 ug/ml



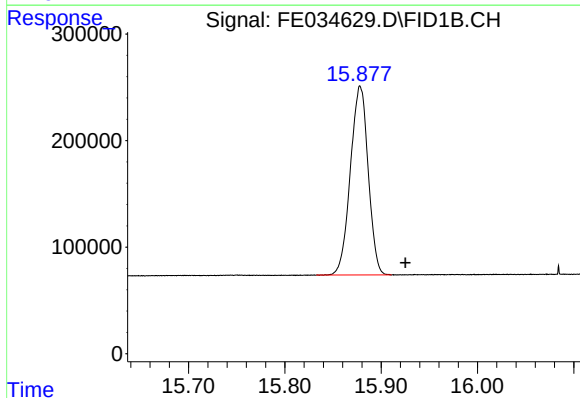
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.045 min
Response: 2263133
Conc: 20.01 ug/ml



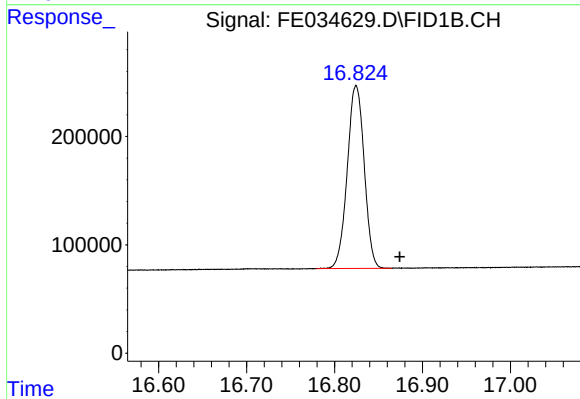
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.047 min
Response: 2288875
Conc: 20.01 ug/ml



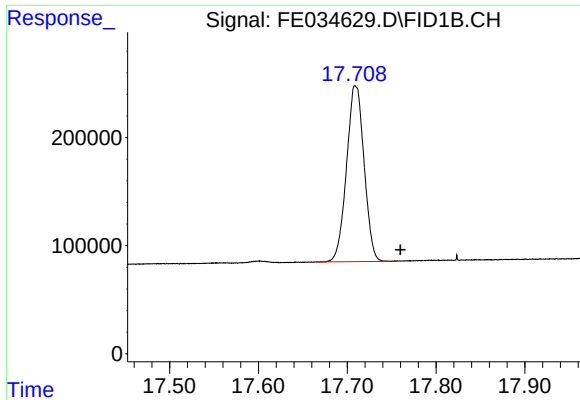
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.047 min
Response: 2272153
Conc: 20.14 ug/ml



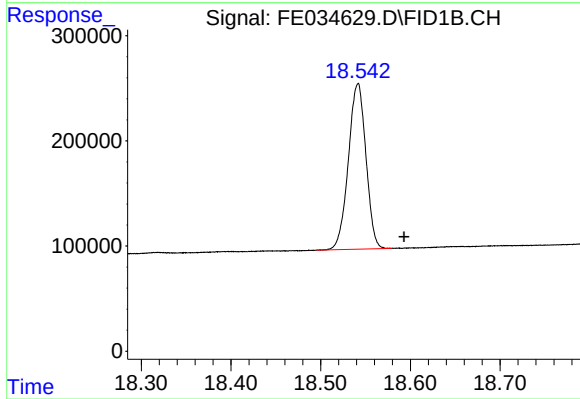
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.049 min
Response: 2261172
Conc: 20.20 ug/ml



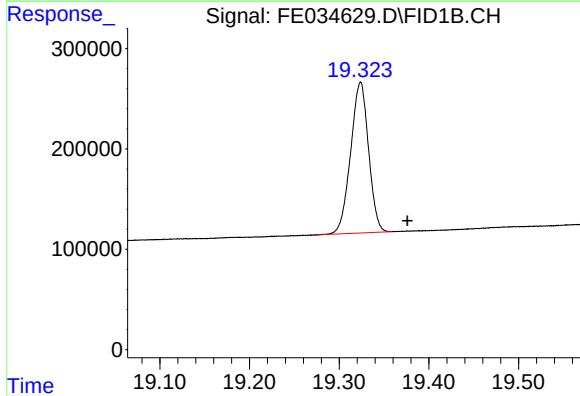
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.051 min
Response: 2235294
Conc: 20.20 ug/ml



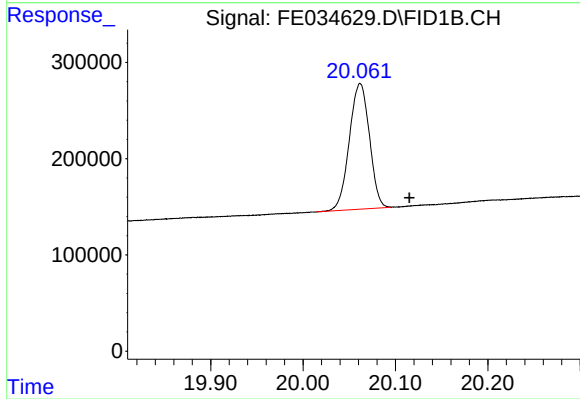
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.051 min
Response: 2140520
Conc: 20.40 ug/ml



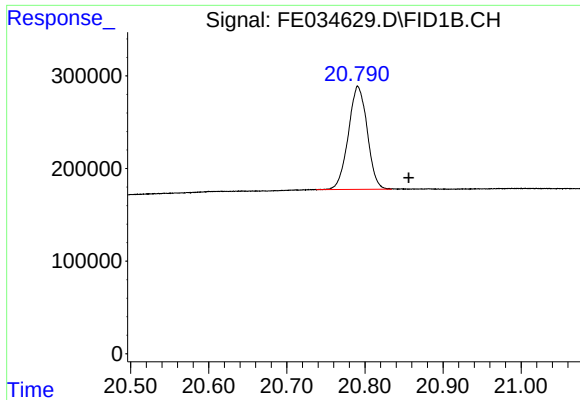
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.052 min
Response: 2087043
Conc: 20.72 ug/ml



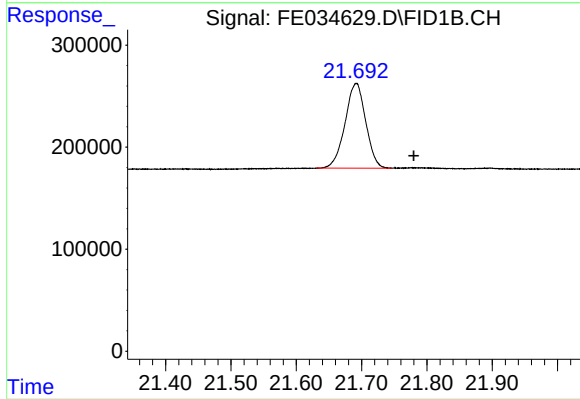
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: -0.053 min
Response: 1976806
Conc: 20.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.065 min
Response: 1866619
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.088 min
Response: 1829445
Conc: 23.61 ug/ml m