

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013122AL\
 Data File : FE034751.D
 Signal(s) : FID1B.CH
 Acq On : 31 Jan 2022 10:44
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 14:43:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 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)	11.058	2586536	20.157 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.491	1935481	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T n-Nonane (C9)	2.910	2274173	19.949 ug/ml
2) T n-Decane (C10)	3.940	2306477	20.055 ug/ml
3) T A~Naphthalene (C11.7)	5.497	2574725	20.063 ug/ml
4) T n-Dodecane (C12)	5.935	2303071	20.072 ug/ml
5) T A~2-methylnaphthalene...	6.544	2587862	20.079 ug/ml
6) T n-Tetradecane (C14)	7.720	2326996	20.115 ug/ml
7) T n-Hexadecane (C16)	9.314	2306246	20.126 ug/ml
8) T n-Octadecane (C18)	10.749	2325829	20.190 ug/ml
10) T n-Eicosane (C20)	12.052	2260576	20.198 ug/ml
11) T n-Heneicosane (C21)	12.661	2264807	20.212 ug/ml
13) T n-Docosane (C22)	13.244	2225511	20.204 ug/ml
14) T n-Tetracosane (C24)	14.341	2187792	20.194 ug/ml
15) T n-Hexacosane (C26)	15.357	2110619	20.176 ug/ml
16) T n-Octacosane (C28)	16.302	2068631	20.268 ug/ml
17) T n-Tricontane (C30)	17.185	2004938	20.287 ug/ml
18) T n-Dotriacontane (C32)	18.013	1866439	20.321 ug/ml
19) T n-Tetratriacontane (C34)	18.793	1742809	20.009 ug/ml
20) T n-Hexatriacontane (C36)	19.529	1644834	19.993 ug/ml
21) T n-Octatriacontane (C38)	20.234	1713043	21.610 ug/mlm
22) T n-Tetracontane (C40)	21.059	1539796	19.092 ug/ml

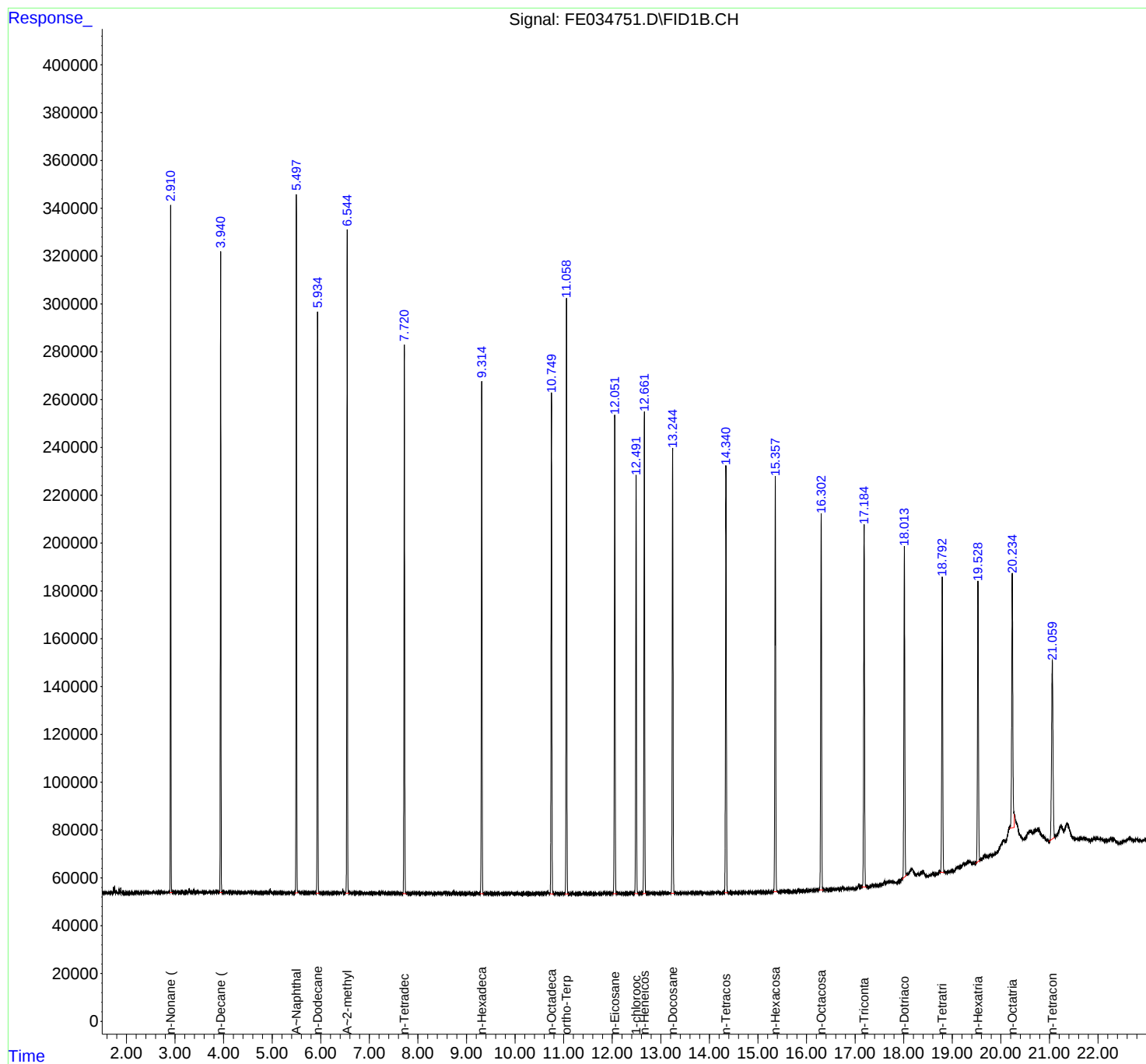
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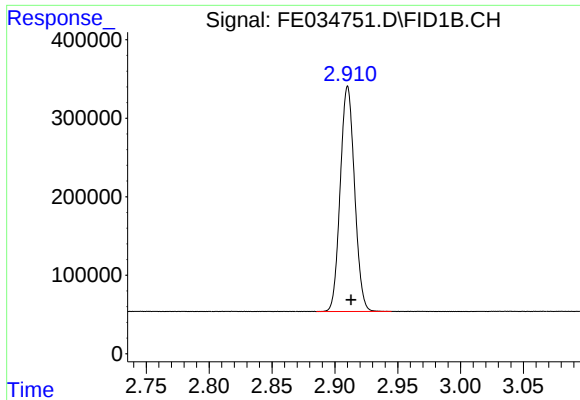
(m)=manual int.

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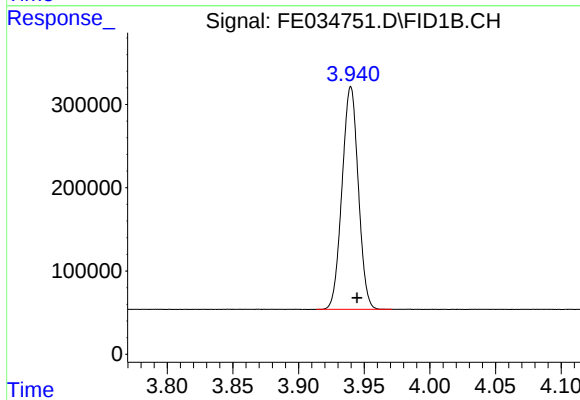
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Signal Info : 20M x 0.18mm x 0.18um





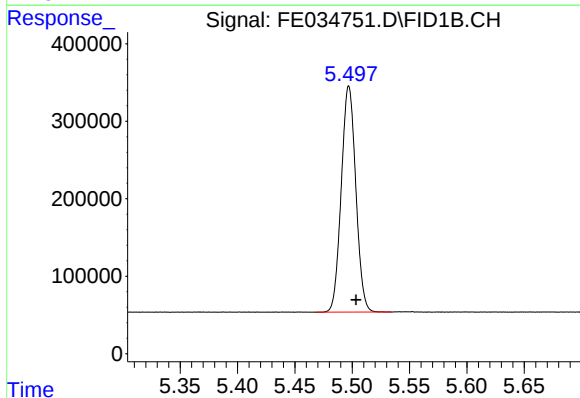
#1 n-Nonane (C9)

R.T.: 2.910 min
Delta R.T.: -0.003 min
Response: 2274173
Conc: 19.95 ug/ml



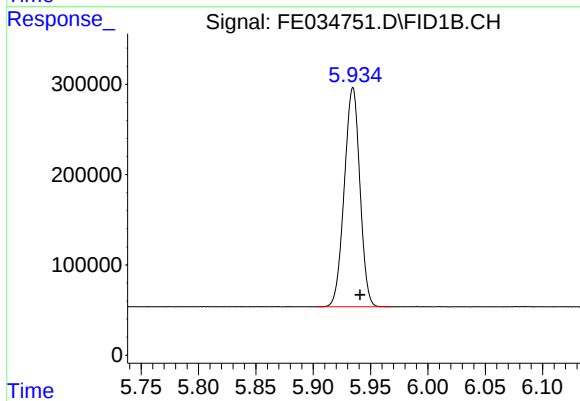
#2 n-Decane (C10)

R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 2306477
Conc: 20.05 ug/ml



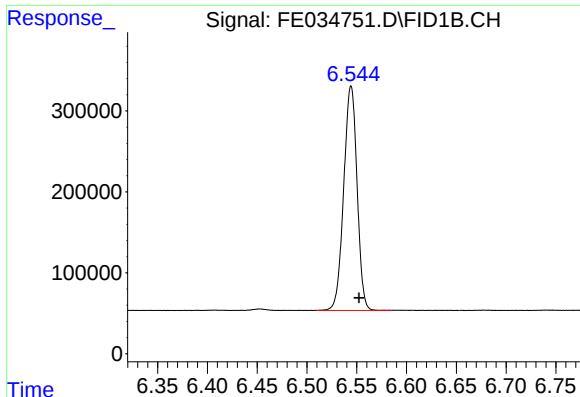
#3 A~Naphthalene (C11.7)

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 2574725
Conc: 20.06 ug/ml



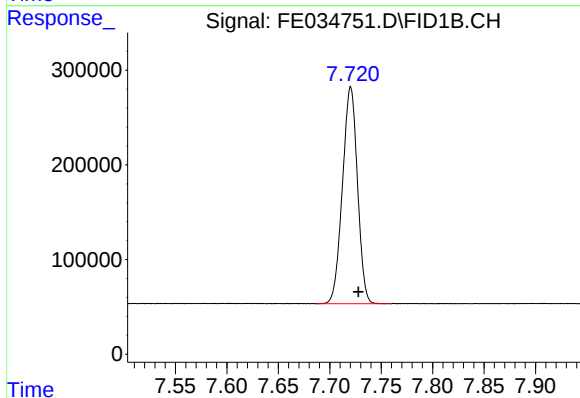
#4 n-Dodecane (C12)

R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 2303071
Conc: 20.07 ug/ml



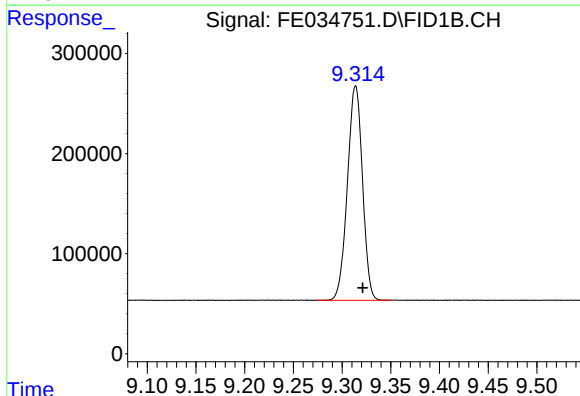
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 2587862
Conc: 20.08 ug/ml



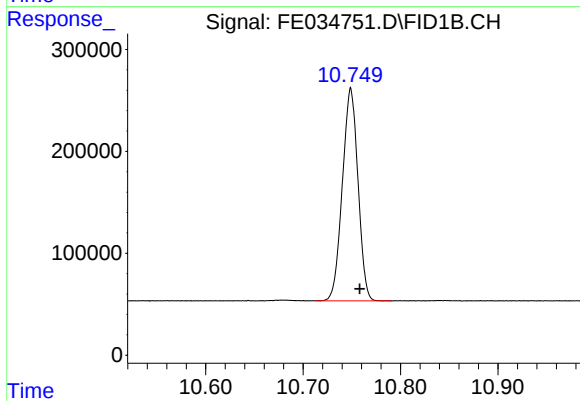
#6 n-Tetradecane (C14)

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 2326996
Conc: 20.11 ug/ml



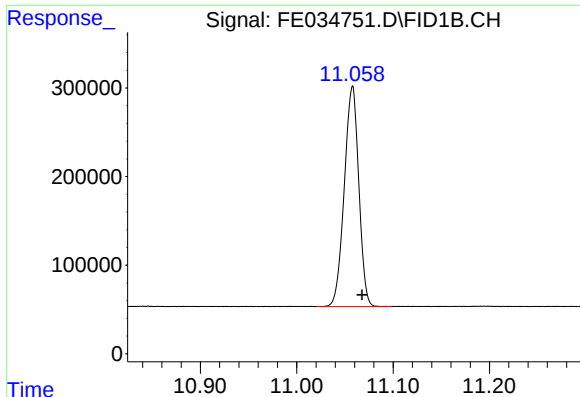
#7 n-Hexadecane (C16)

R.T.: 9.314 min
Delta R.T.: -0.007 min
Response: 2306246
Conc: 20.13 ug/ml



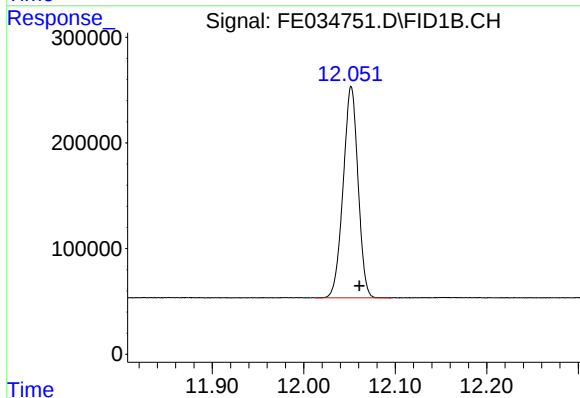
#8 n-Octadecane (C18)

R.T.: 10.749 min
Delta R.T.: -0.009 min
Response: 2325829
Conc: 20.19 ug/ml



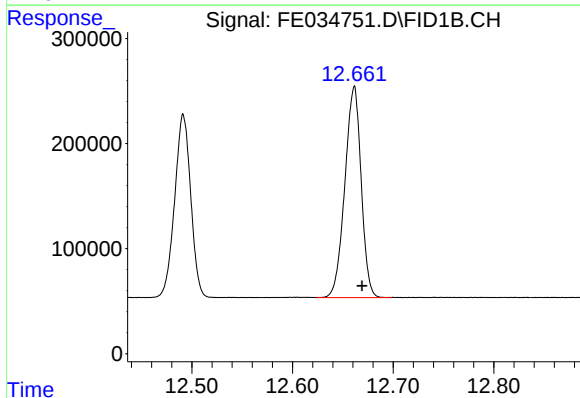
#9 ortho-Terphenyl (SURR)

R.T.: 11.058 min
Delta R.T.: -0.010 min
Response: 2586536
Conc: 20.16 ug/ml



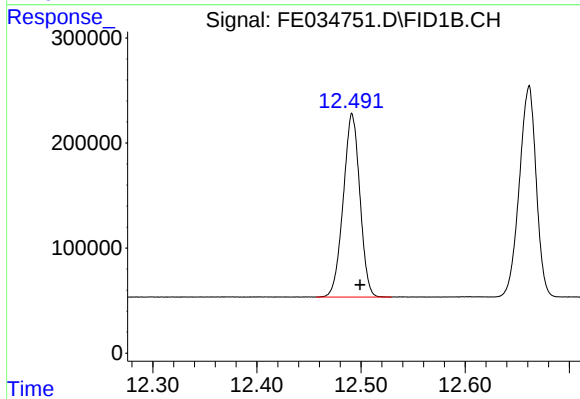
#10 n-Eicosane (C20)

R.T.: 12.052 min
Delta R.T.: -0.009 min
Response: 2260576
Conc: 20.20 ug/ml



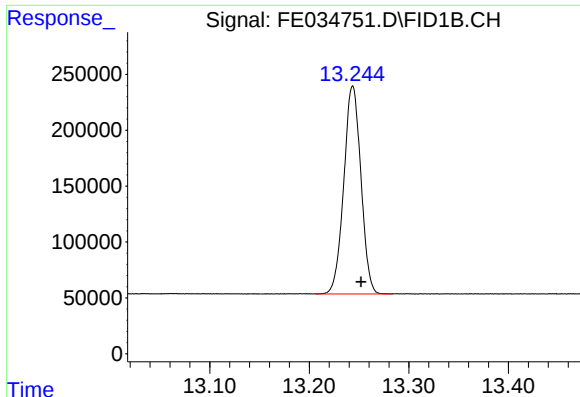
#11 n-Heneicosane (C21)

R.T.: 12.661 min
Delta R.T.: -0.008 min
Response: 2264807
Conc: 20.21 ug/ml



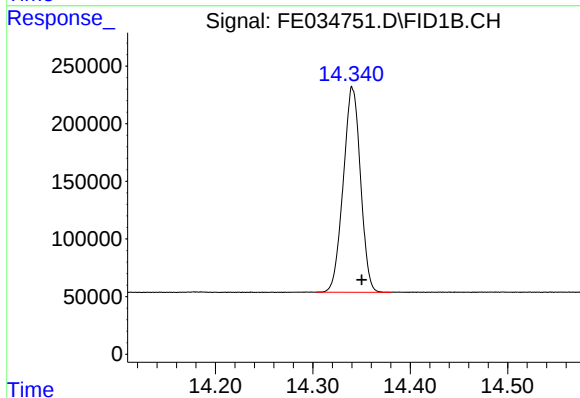
#12 1-chlorooctadecane (SURR)

R.T.: 12.491 min
Delta R.T.: -0.008 min
Response: 1935481
Conc: 20.06 ug/ml



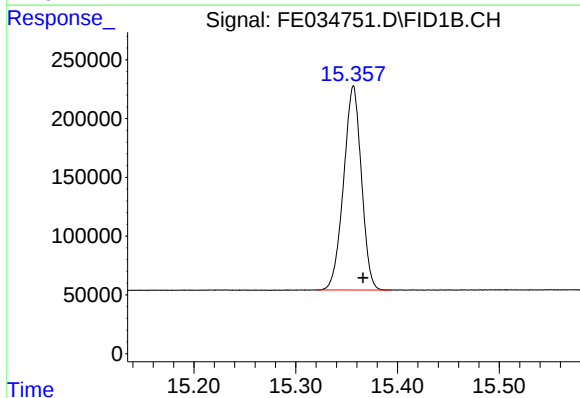
#13 n-Docosane (C22)

R.T.: 13.244 min
Delta R.T.: -0.008 min
Response: 2225511
Conc: 20.20 ug/ml



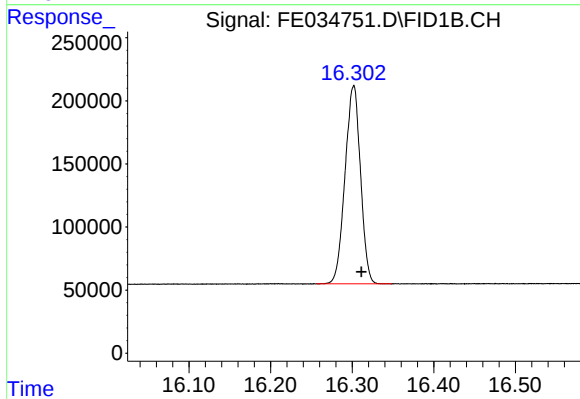
#14 n-Tetracosane (C24)

R.T.: 14.341 min
Delta R.T.: -0.010 min
Response: 2187792
Conc: 20.19 ug/ml



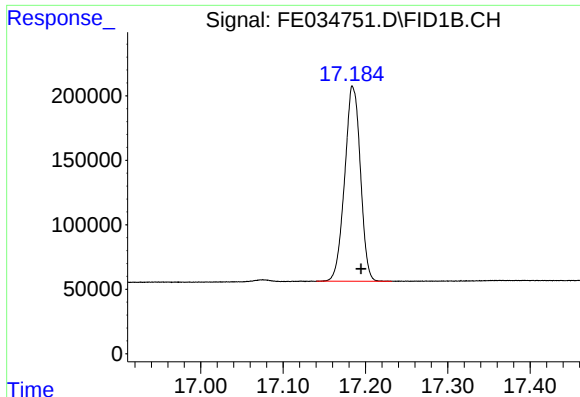
#15 n-Hexacosane (C26)

R.T.: 15.357 min
Delta R.T.: -0.010 min
Response: 2110619
Conc: 20.18 ug/ml



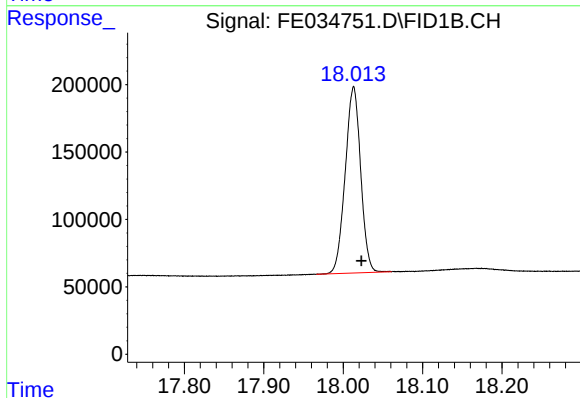
#16 n-Octacosane (C28)

R.T.: 16.302 min
Delta R.T.: -0.009 min
Response: 2068631
Conc: 20.27 ug/ml



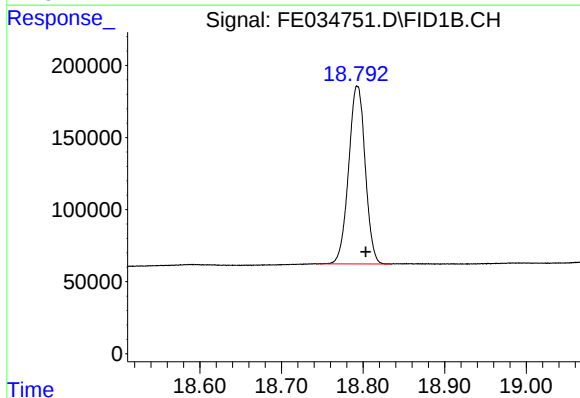
#17 n-Tricontane (C30)

R.T.: 17.185 min
Delta R.T.: -0.010 min
Response: 2004938
Conc: 20.29 ug/ml



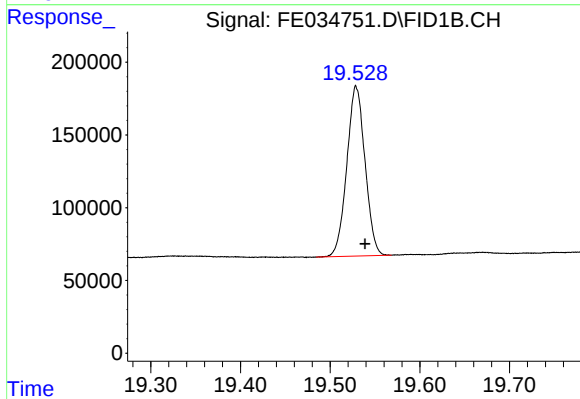
#18 n-Dotriacontane (C32)

R.T.: 18.013 min
Delta R.T.: -0.010 min
Response: 1866439
Conc: 20.32 ug/ml



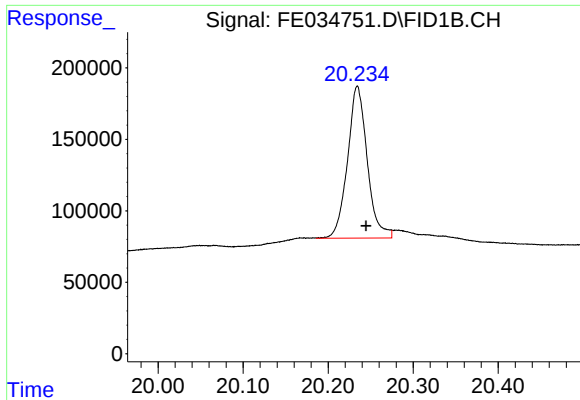
#19 n-Tetratriacontane (C34)

R.T.: 18.793 min
Delta R.T.: -0.011 min
Response: 1742809
Conc: 20.01 ug/ml



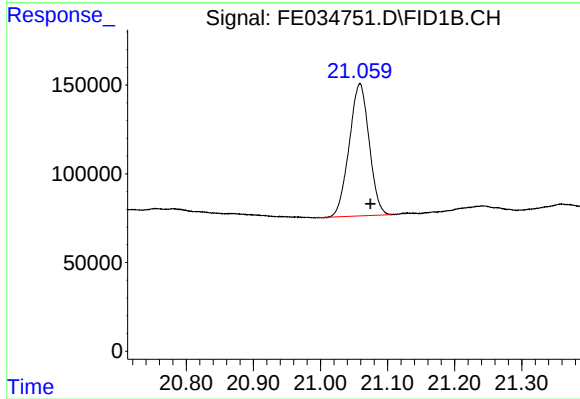
#20 n-Hexatriacontane (C36)

R.T.: 19.529 min
Delta R.T.: -0.010 min
Response: 1644834
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.234 min
Delta R.T.: -0.011 min
Response: 1713043
Conc: 21.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.059 min
Delta R.T.: -0.015 min
Response: 1539796
Conc: 19.09 ug/ml