

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013122AL\
 Data File : FE034782.D
 Signal(s) : FID1B.CH
 Acq On : 01 Feb 2022 9:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 01 09:30:55 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	2474611	19.285 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	12.492	1867615	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	2.910	2287996	20.070 ug/ml
2) T n-Decane (C10)	3.940	2320278	20.175 ug/ml
3) T A~Naphthalene (C11.7)	5.499	2570177	20.028 ug/ml
4) T n-Dodecane (C12)	5.935	2306460	20.102 ug/ml
5) T A~2-methylnaphthalene...	6.546	2570420	19.944 ug/ml
6) T n-Tetradecane (C14)	7.722	2312652	19.991 ug/ml
7) T n-Hexadecane (C16)	9.314	2273096	19.837 ug/ml
8) T n-Octadecane (C18)	10.749	2263347	19.647 ug/ml
10) T n-Eicosane (C20)	12.052	2178563	19.465 ug/ml
11) T n-Heneicosane (C21)	12.662	2173086	19.394 ug/ml
13) T n-Docosane (C22)	13.245	2119339	19.240 ug/ml
14) T n-Tetracosane (C24)	14.342	2062322	19.036 ug/ml
15) T n-Hexacosane (C26)	15.358	1983077	18.957 ug/ml
16) T n-Octacosane (C28)	16.303	1950960	19.115 ug/ml
17) T n-Tricontane (C30)	17.187	1917683	19.404 ug/ml
18) T n-Dotriacontane (C32)	18.015	1816480	19.777 ug/ml
19) T n-Tetratriacontane (C34)	18.795	1737174	19.944 ug/ml
20) T n-Hexatriacontane (C36)	19.532	1626061	19.764 ug/ml
21) T n-Octatriacontane (C38)	20.236	1663564	20.986 ug/ml
22) T n-Tetracontane (C40)	21.062	1543291	19.135 ug/ml

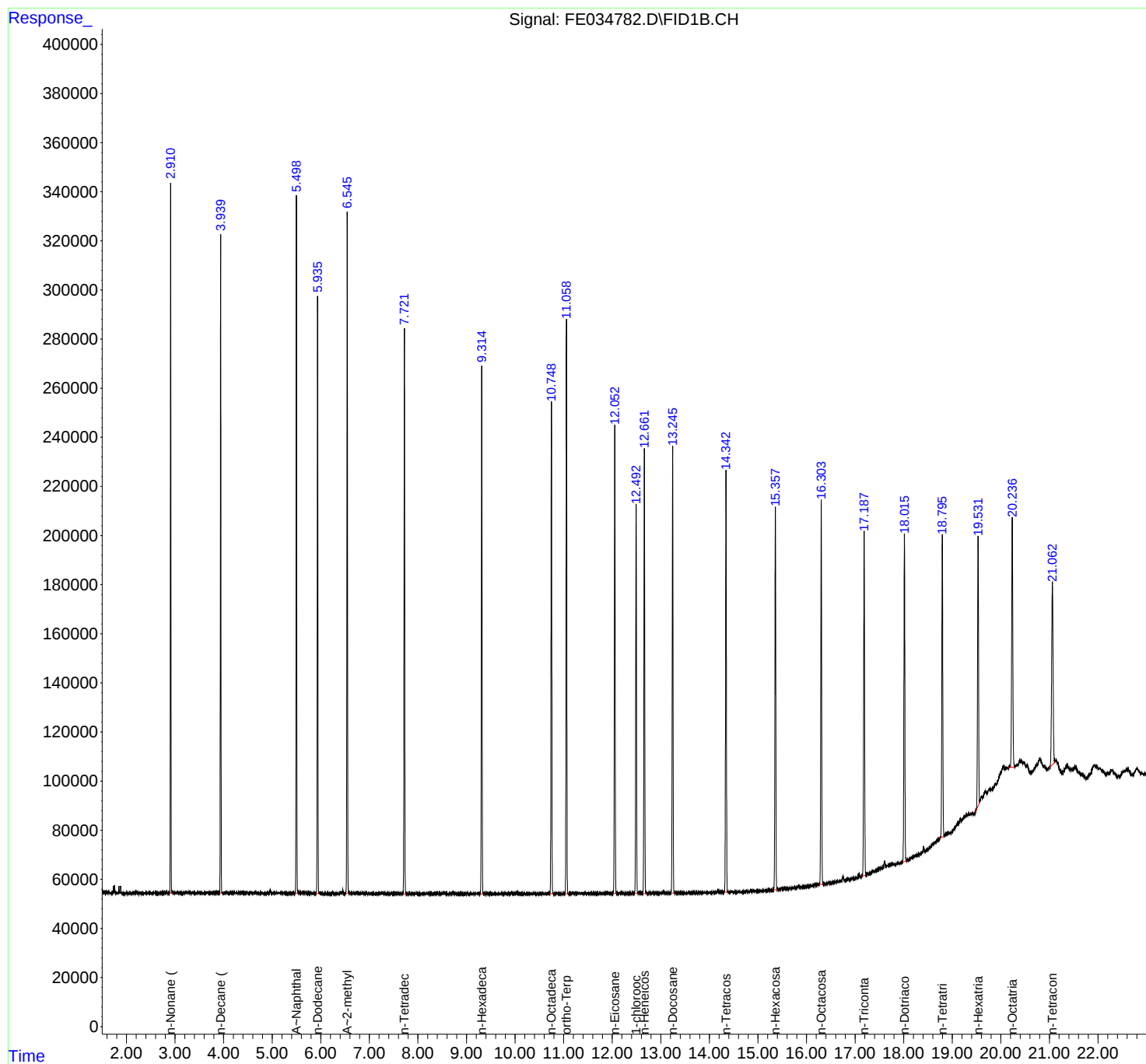
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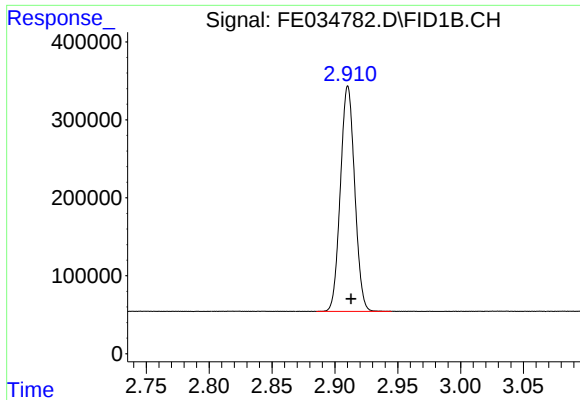
(m)=manual int.

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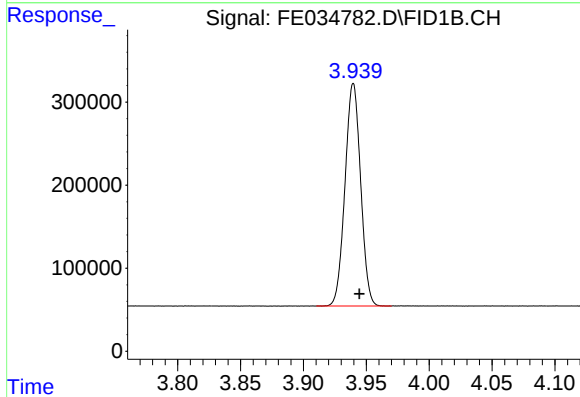
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





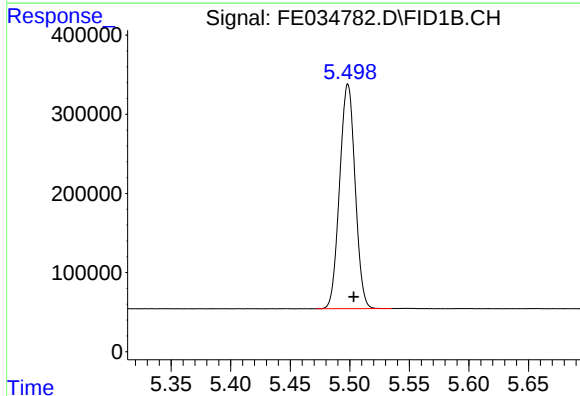
#1 n-Nonane (C9)

R.T.: 2.910 min
Delta R.T.: -0.003 min
Response: 2287996
Conc: 20.07 ug/ml



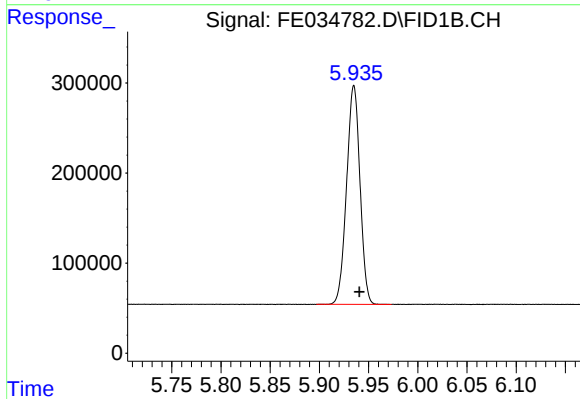
#2 n-Decane (C10)

R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 2320278
Conc: 20.17 ug/ml



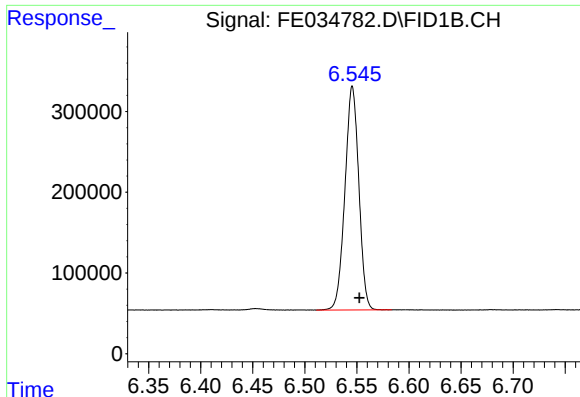
#3 A~Naphthalene (C11.7)

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 2570177
Conc: 20.03 ug/ml



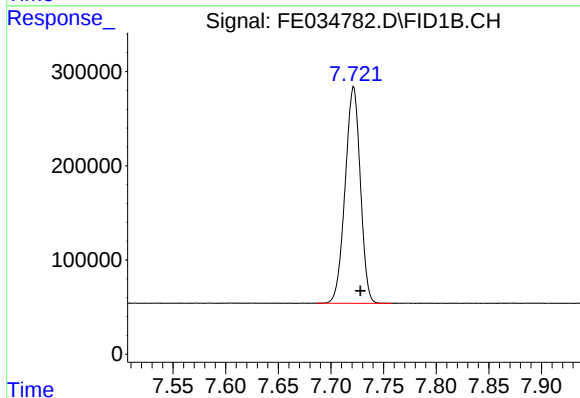
#4 n-Dodecane (C12)

R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 2306460
Conc: 20.10 ug/ml



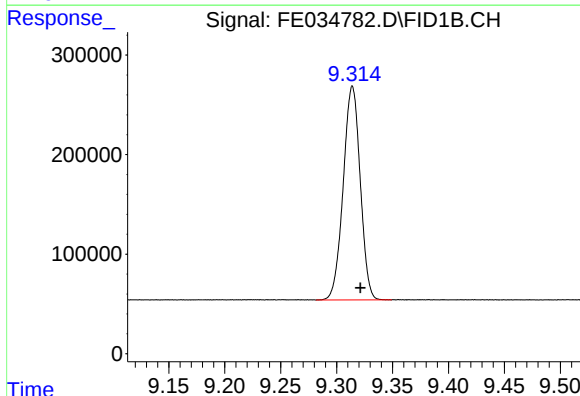
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 2570420
Conc: 19.94 ug/ml



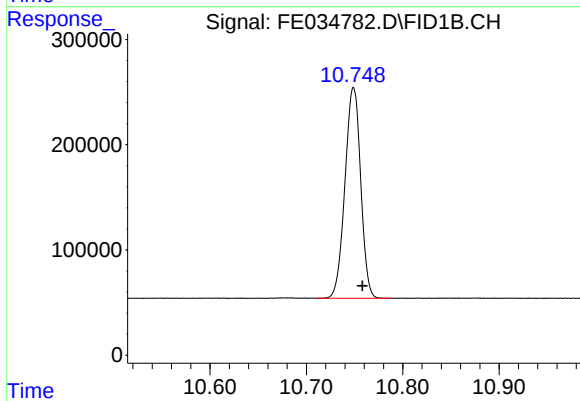
#6 n-Tetradecane (C14)

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 2312652
Conc: 19.99 ug/ml



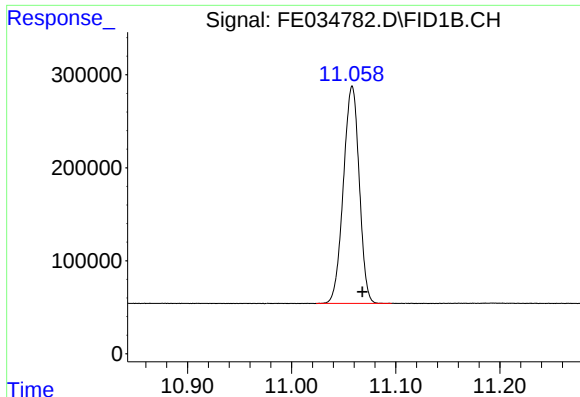
#7 n-Hexadecane (C16)

R.T.: 9.314 min
Delta R.T.: -0.007 min
Response: 2273096
Conc: 19.84 ug/ml



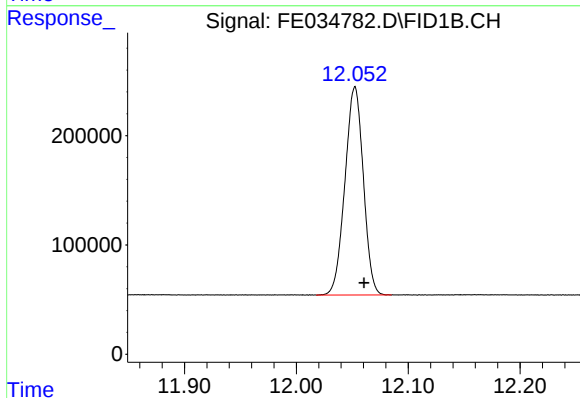
#8 n-Octadecane (C18)

R.T.: 10.749 min
Delta R.T.: -0.009 min
Response: 2263347
Conc: 19.65 ug/ml



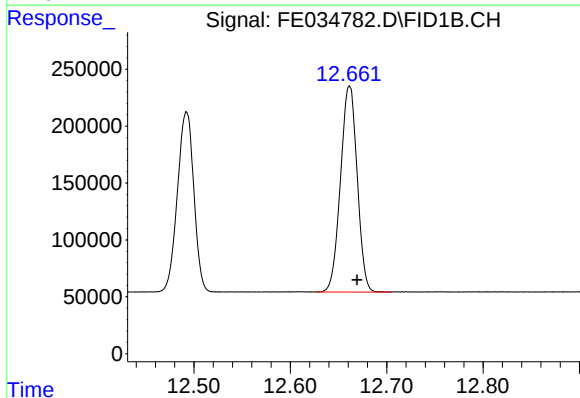
#9 ortho-Terphenyl (SURR)

R.T.: 11.058 min
Delta R.T.: -0.010 min
Response: 2474611
Conc: 19.28 ug/ml



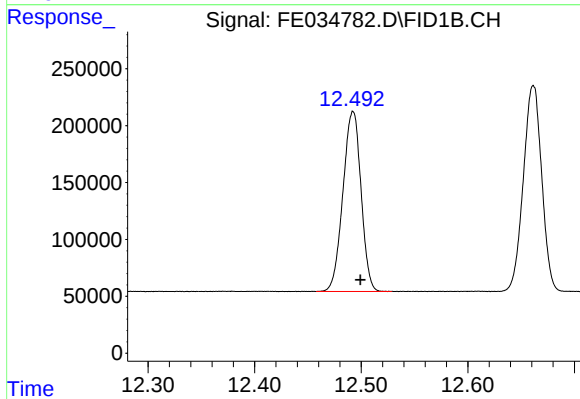
#10 n-Eicosane (C20)

R.T.: 12.052 min
Delta R.T.: -0.008 min
Response: 2178563
Conc: 19.47 ug/ml



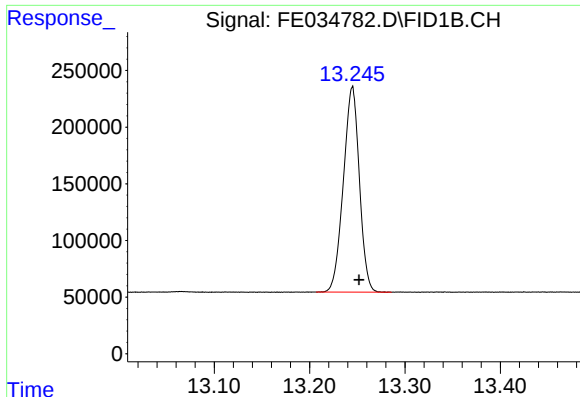
#11 n-Heneicosane (C21)

R.T.: 12.662 min
Delta R.T.: -0.008 min
Response: 2173086
Conc: 19.39 ug/ml



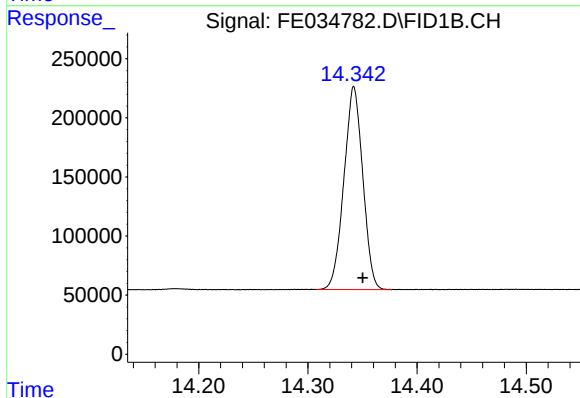
#12 1-chlorooctadecane (SURR)

R.T.: 12.492 min
Delta R.T.: -0.007 min
Response: 1867615
Conc: 19.35 ug/ml



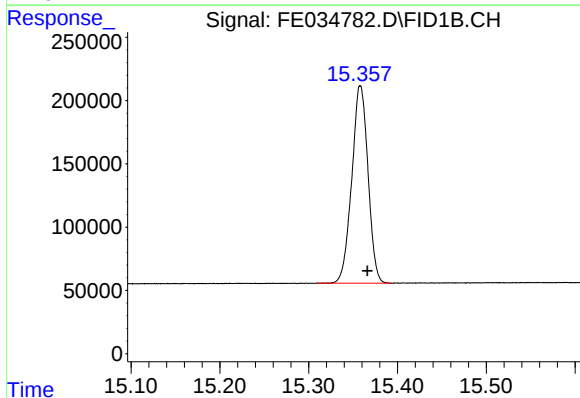
#13 n-Docosane (C22)

R.T.: 13.245 min
Delta R.T.: -0.007 min
Response: 2119339
Conc: 19.24 ug/ml



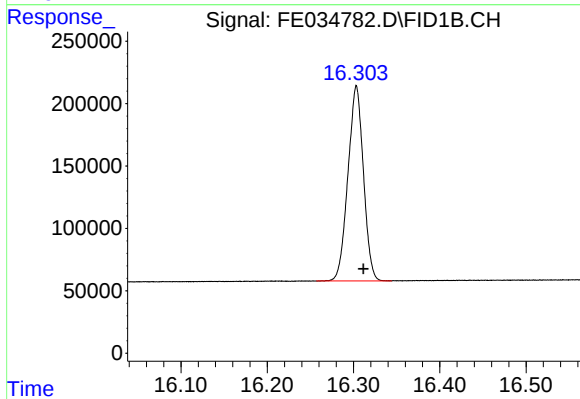
#14 n-Tetracosane (C24)

R.T.: 14.342 min
Delta R.T.: -0.008 min
Response: 2062322
Conc: 19.04 ug/ml



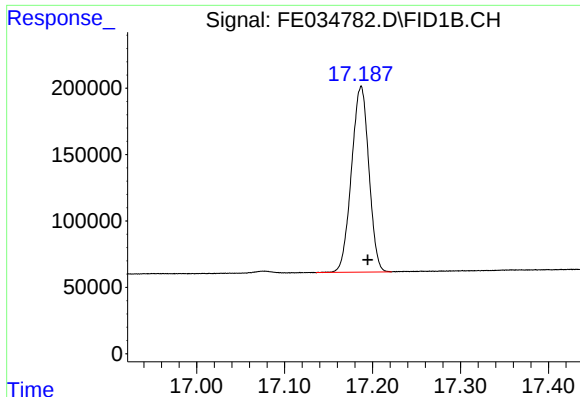
#15 n-Hexacosane (C26)

R.T.: 15.358 min
Delta R.T.: -0.008 min
Response: 1983077
Conc: 18.96 ug/ml



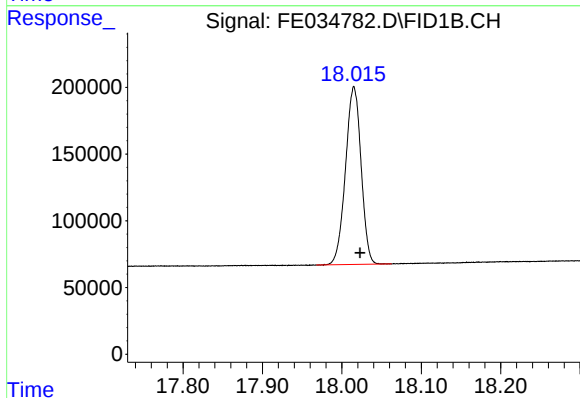
#16 n-Octacosane (C28)

R.T.: 16.303 min
Delta R.T.: -0.008 min
Response: 1950960
Conc: 19.12 ug/ml



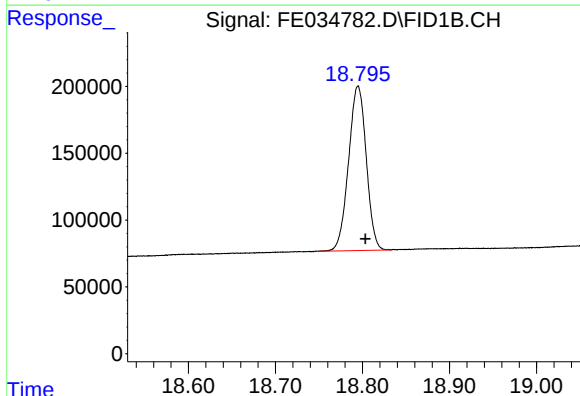
#17 n-Tricontane (C30)

R.T.: 17.187 min
Delta R.T.: -0.008 min
Response: 1917683
Conc: 19.40 ug/ml



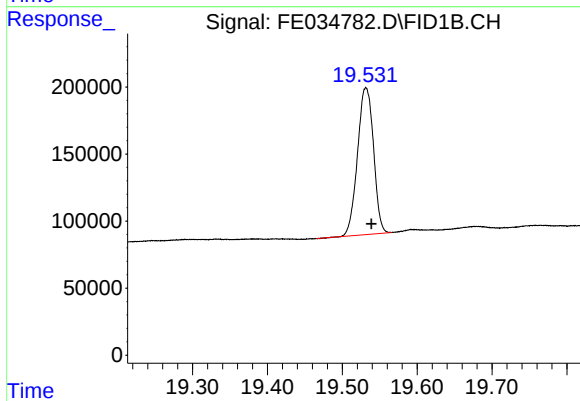
#18 n-Dotriacontane (C32)

R.T.: 18.015 min
Delta R.T.: -0.008 min
Response: 1816480
Conc: 19.78 ug/ml



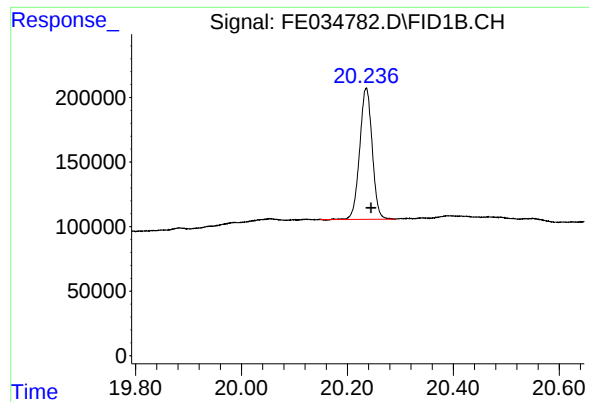
#19 n-Tetratriacontane (C34)

R.T.: 18.795 min
Delta R.T.: -0.009 min
Response: 1737174
Conc: 19.94 ug/ml



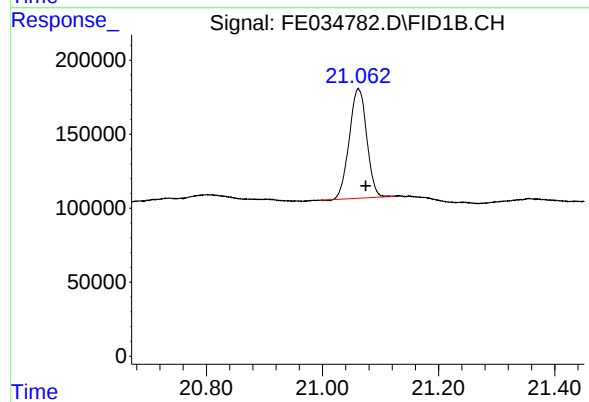
#20 n-Hexatriacontane (C36)

R.T.: 19.532 min
Delta R.T.: -0.007 min
Response: 1626061
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.236 min
Delta R.T.: -0.009 min
Response: 1663564
Conc: 20.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.062 min
Delta R.T.: -0.013 min
Response: 1543291
Conc: 19.13 ug/ml