

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031320AL\
 Data File : FC046309.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2020 13:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 23:55:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.760	2293238	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	13.178	1779247	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.537	2230041	22.123 ug/ml
2) T n-Decane (C10)	4.606	2260435	22.411 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2354047	21.201 ug/ml
4) T n-Dodecane (C12)	6.616	2274938	22.299 ug/ml
5) T A~2-methylnaphthalene...	7.258	2345084	21.082 ug/ml
6) T n-Tetradecane (C14)	8.401	2249351	21.973 ug/ml
7) T n-Hexadecane (C16)	9.993	2220330	21.445 ug/ml
8) T n-Octadecane (C18)	11.428	2203121	20.958 ug/ml
10) T n-Eicosane (C20)	12.731	2159023	20.424 ug/ml
11) T n-Heneicosane (C21)	13.340	2148614	20.145 ug/ml
13) T n-Docosane (C22)	13.924	2119133	19.943 ug/ml
14) T n-Tetracosane (C24)	15.022	2099880	19.620 ug/ml
15) T n-Hexacosane (C26)	16.039	2067065	19.448 ug/ml
16) T n-Octacosane (C28)	16.983	2034324	19.431 ug/ml
17) T n-Tricontane (C30)	17.867	1986271	19.710 ug/ml
18) T n-Dotriacontane (C32)	18.696	1711058	19.993 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1482312	20.423 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1404124	20.762 ug/ml
21) T n-Octatriacontane (C38)	20.975	1340041	22.171 ug/ml
22) T n-Tetracontane (C40)	21.934	1434851	22.822 ug/ml

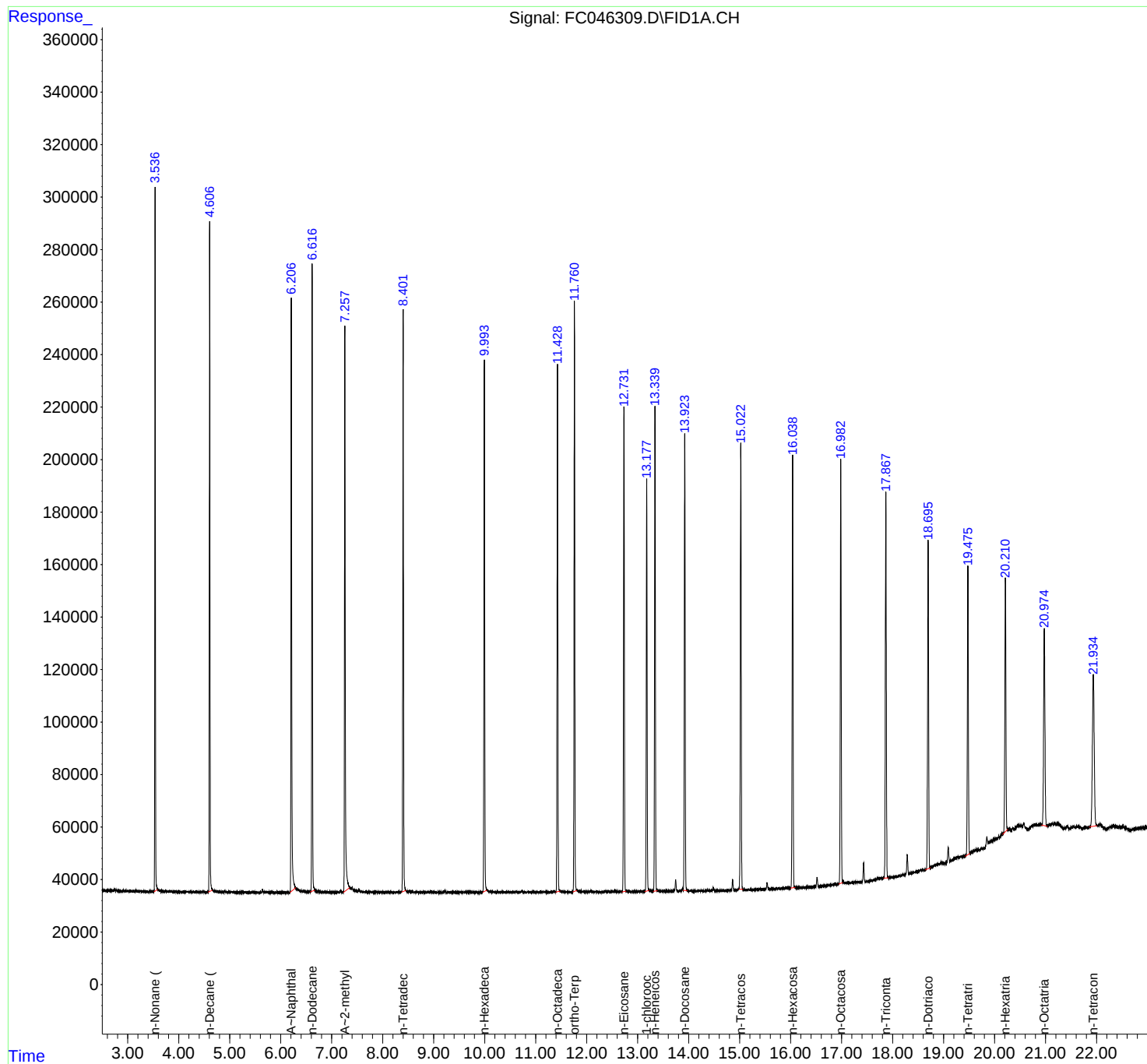
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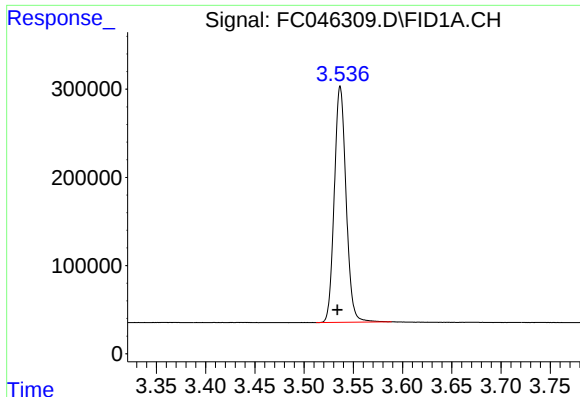
(m)=manual int.

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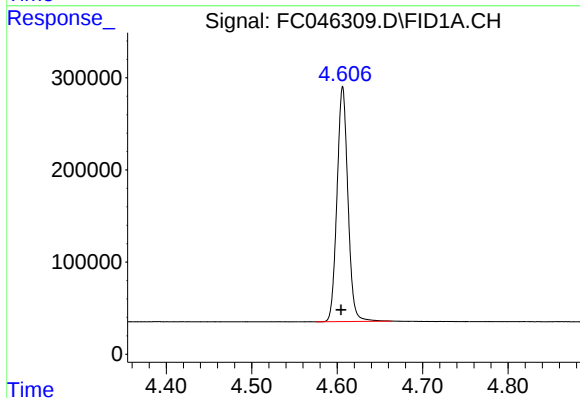
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





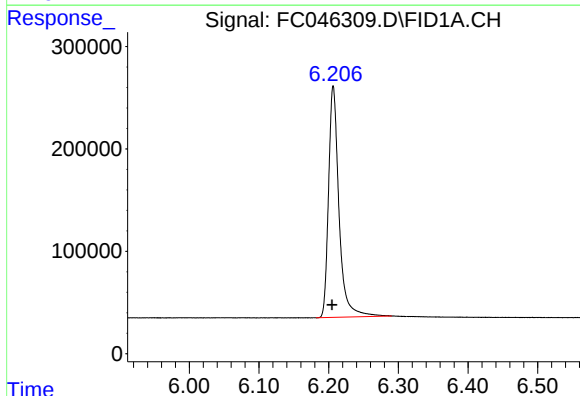
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2230041
Conc: 22.12 ug/ml



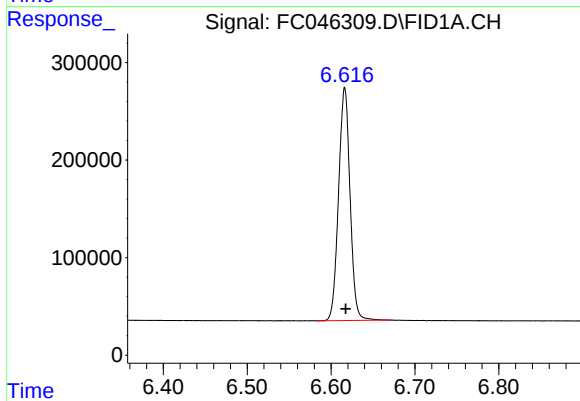
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 2260435
Conc: 22.41 ug/ml



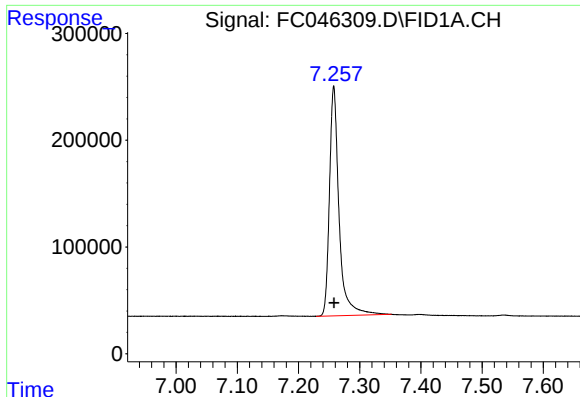
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2354047
Conc: 21.20 ug/ml



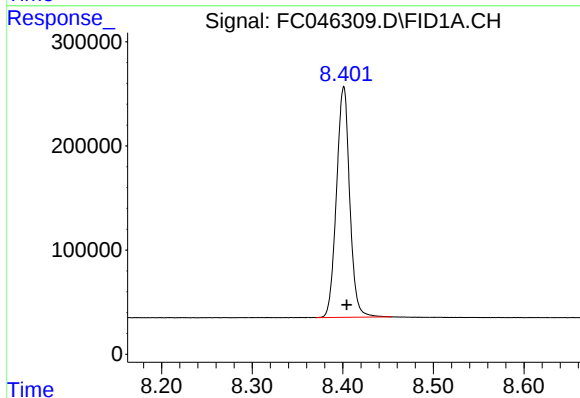
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2274938
Conc: 22.30 ug/ml



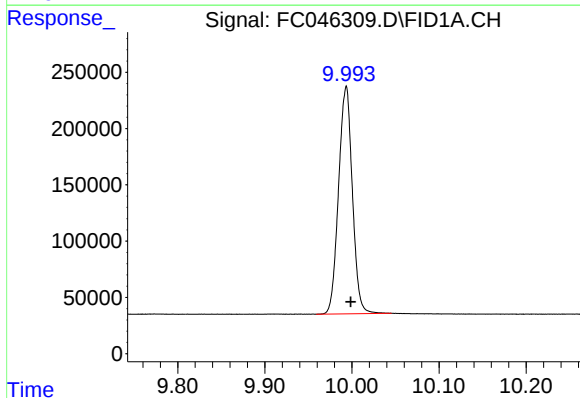
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2345084
Conc: 21.08 ug/ml



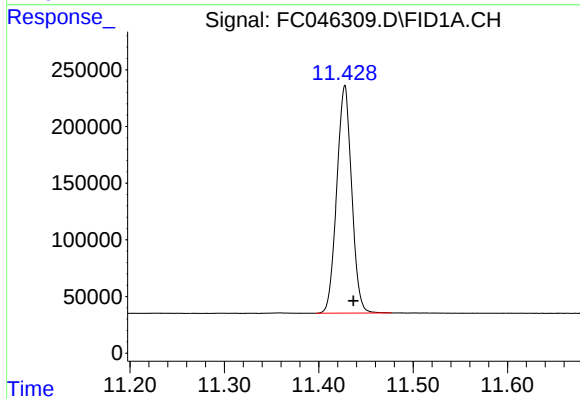
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 2249351
Conc: 21.97 ug/ml



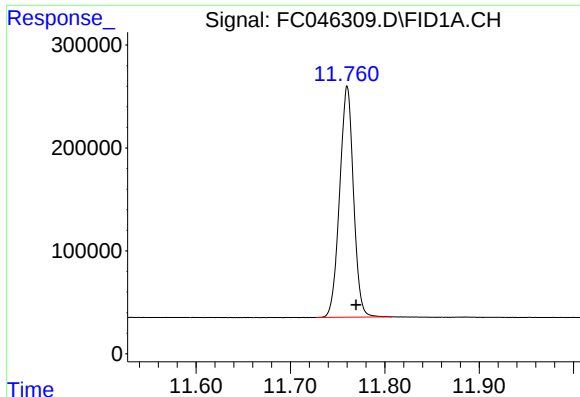
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2220330
Conc: 21.44 ug/ml



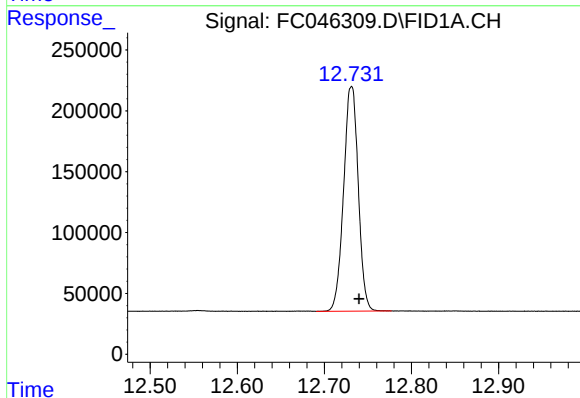
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: -0.009 min
Response: 2203121
Conc: 20.96 ug/ml



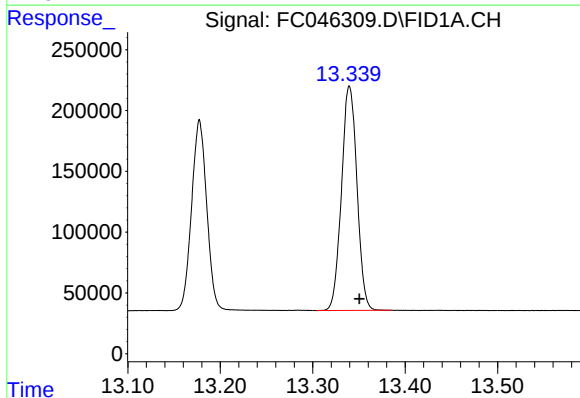
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2293238
Conc: 20.10 ug/ml



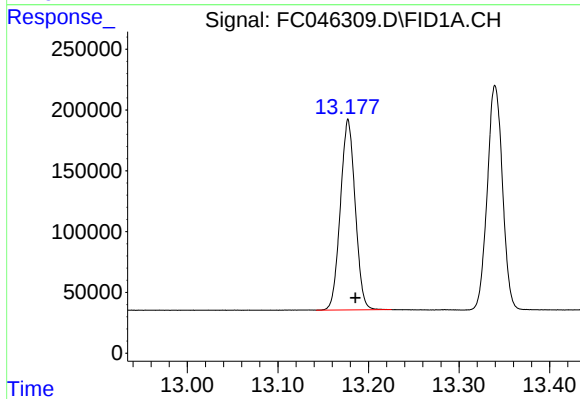
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: -0.009 min
Response: 2159023
Conc: 20.42 ug/ml



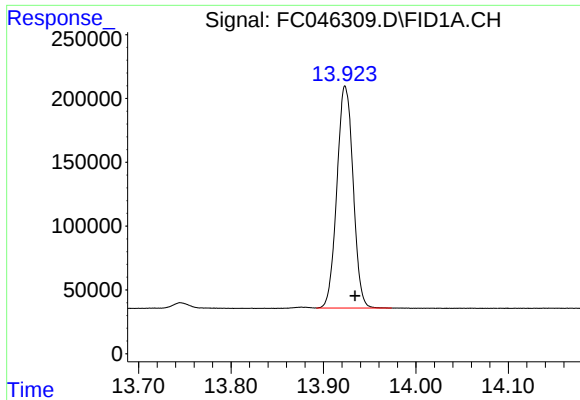
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: -0.011 min
Response: 2148614
Conc: 20.14 ug/ml



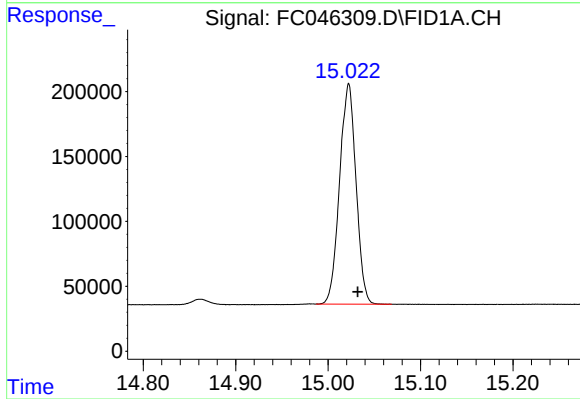
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: -0.008 min
Response: 1779247
Conc: 19.83 ug/ml



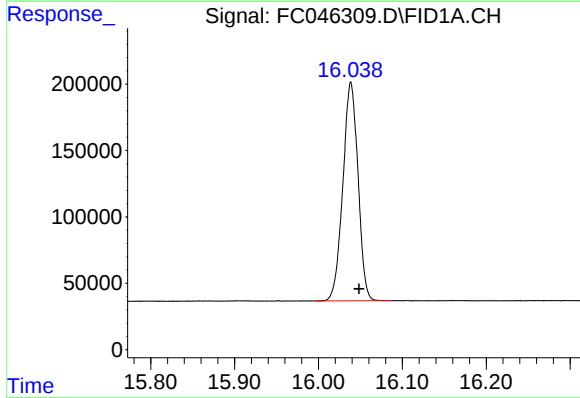
#13 n-Docosane (C22)

R.T.: 13.924 min
Delta R.T.: -0.011 min
Response: 2119133
Conc: 19.94 ug/ml



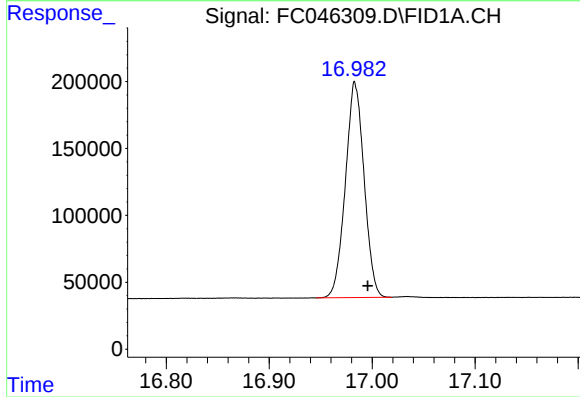
#14 n-Tetracosane (C24)

R.T.: 15.022 min
Delta R.T.: -0.010 min
Response: 2099880
Conc: 19.62 ug/ml



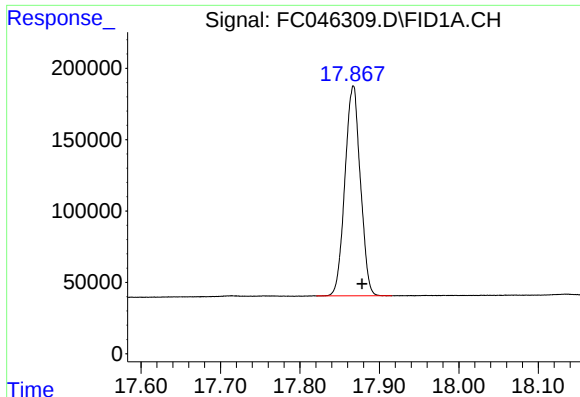
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: -0.010 min
Response: 2067065
Conc: 19.45 ug/ml



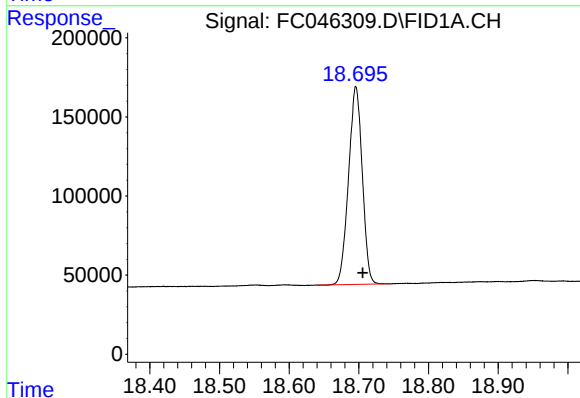
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: -0.012 min
Response: 2034324
Conc: 19.43 ug/ml



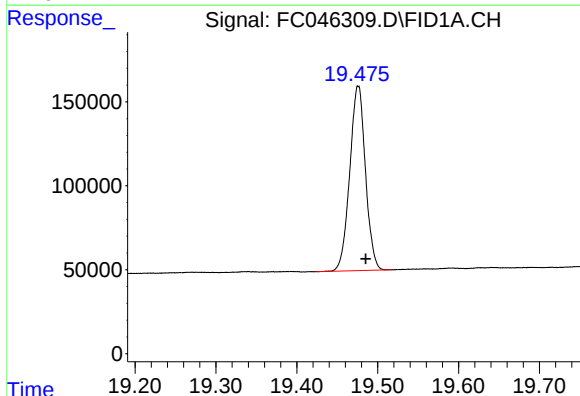
#17 n-Tricontane (C30)

R.T.: 17.867 min
Delta R.T.: -0.011 min
Response: 1986271
Conc: 19.71 ug/ml



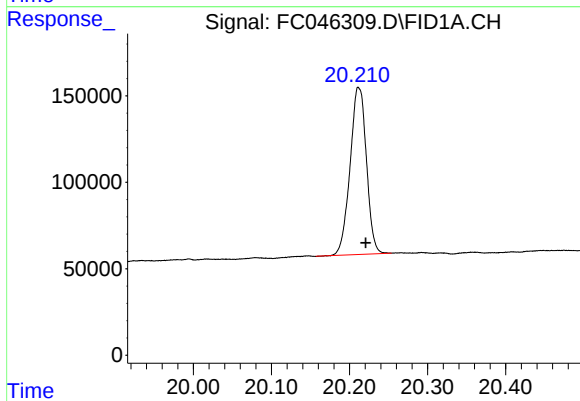
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 1711058
Conc: 19.99 ug/ml



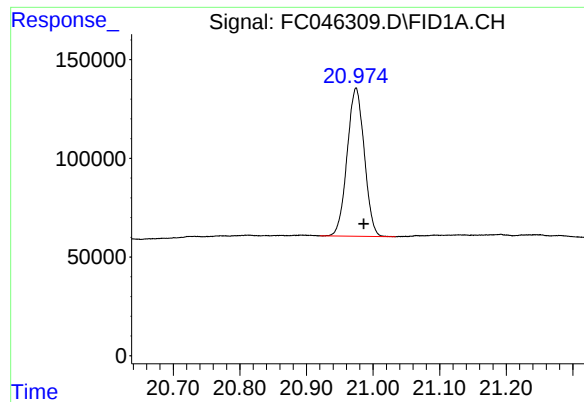
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.009 min
Response: 1482312
Conc: 20.42 ug/ml



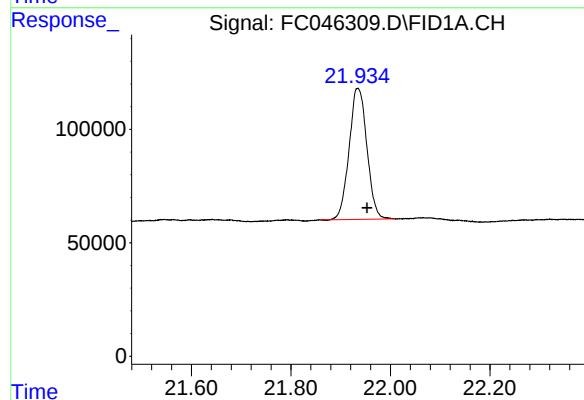
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: -0.009 min
Response: 1404124
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.012 min
Response: 1340041
Conc: 22.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: -0.019 min
Response: 1434851
Conc: 22.82 ug/ml