

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123119AL\
 Data File : FC045144.D
 Signal(s) : FID1A.CH
 Acq On : 31 Dec 2019 9:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 31 13:04:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.764	2341751	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
12) S 1-chlorooctadecane (S...	13.186	1826971	20.490 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T n-Nonane (C9)	3.513	2044287	20.302 ug/ml
2) T n-Decane (C10)	4.587	2111542	20.931 ug/ml
3) T A~Naphthalene (C11.7)	6.188	2352850	20.997 ug/ml
4) T n-Dodecane (C12)	6.605	2152679	21.149 ug/ml
5) T A~2-methylnaphthalene...	7.244	2387782	21.184 ug/ml
6) T n-Tetradecane (C14)	8.395	2168042	21.271 ug/ml
7) T n-Hexadecane (C16)	9.993	2185273	21.225 ug/ml
8) T n-Octadecane (C18)	11.432	2189670	21.055 ug/ml
10) T n-Eicosane (C20)	12.739	2174898	20.788 ug/ml
11) T n-Heneicosane (C21)	13.350	2173625	20.552 ug/ml
13) T n-Docosane (C22)	13.935	2166227	20.488 ug/ml
14) T n-Tetracosane (C24)	15.037	2115907	19.804 ug/ml
15) T n-Hexacosane (C26)	16.056	2059143	19.307 ug/ml
16) T n-Octacosane (C28)	17.003	1998885	18.927 ug/ml
17) T n-Tricontane (C30)	17.888	1914476	18.781 ug/ml
18) T n-Dotriacontane (C32)	18.719	1611940	18.633 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1339815	18.289 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1200803	18.272 ug/ml
21) T n-Octatriacontane (C38)	21.009	1105386	18.716 ug/ml
22) T n-Tetracontane (C40)	21.979	1119990	18.938 ug/ml

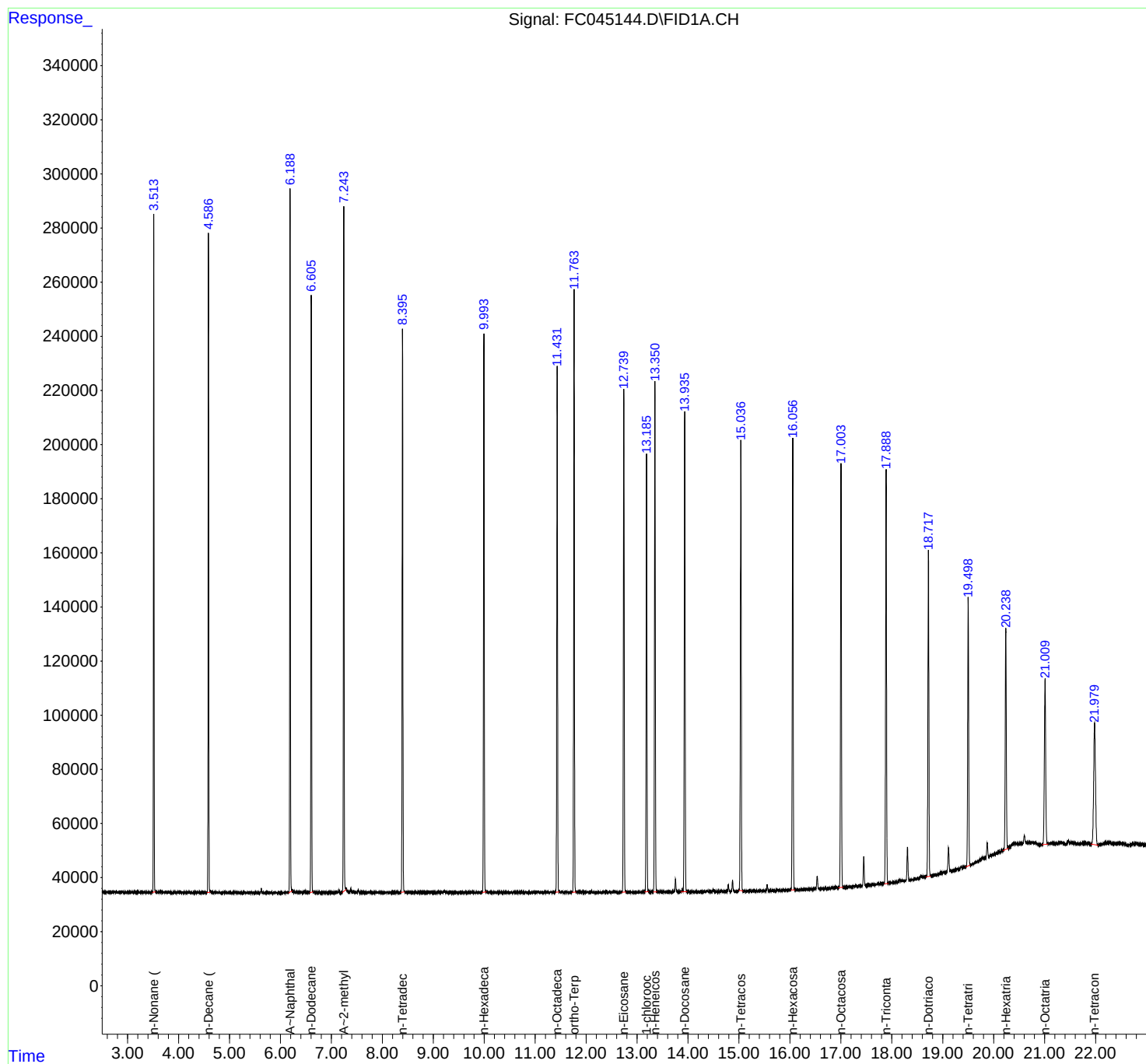
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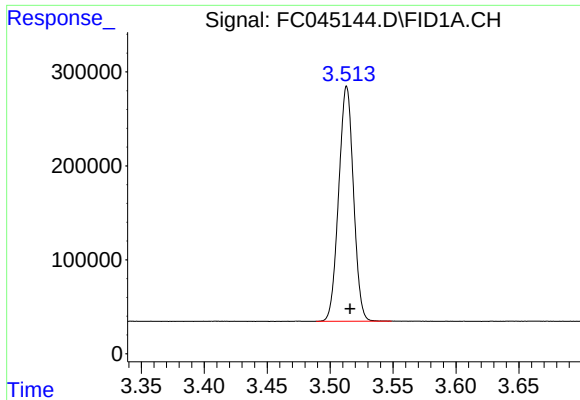
(m)=manual int.

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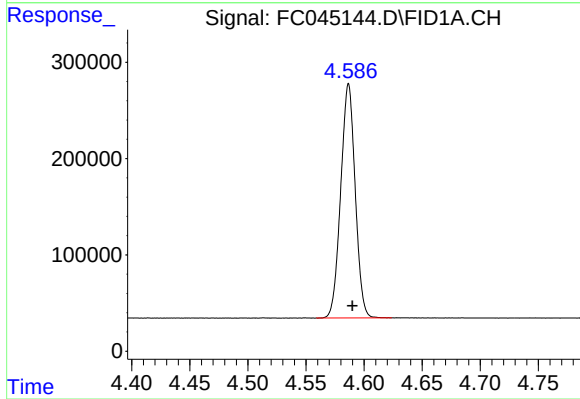
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Signal Info : 20M x 0.18mm x 0.18um





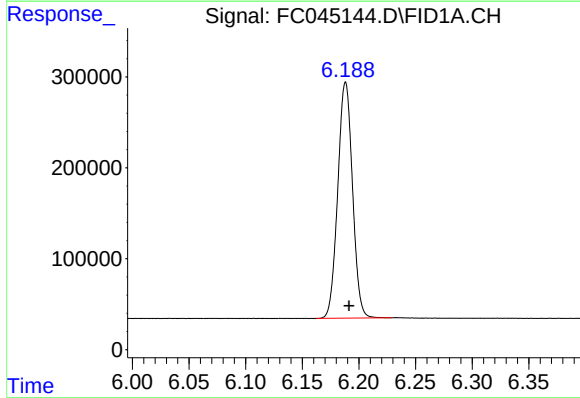
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2044287
Conc: 20.30 ug/ml



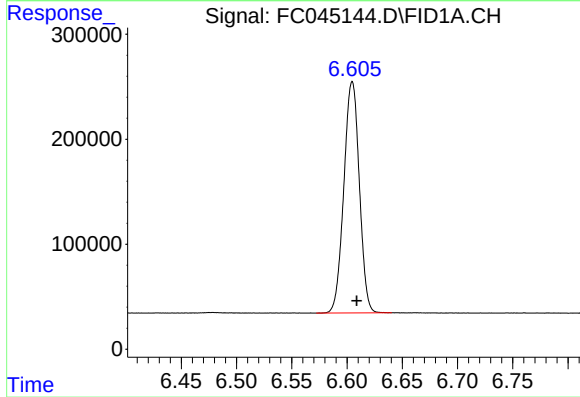
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 2111542
Conc: 20.93 ug/ml



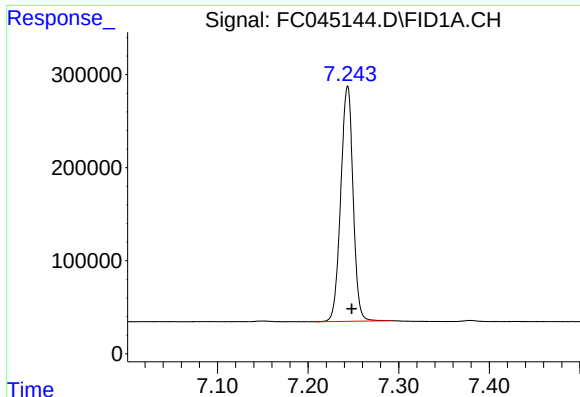
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 2352850
Conc: 21.00 ug/ml



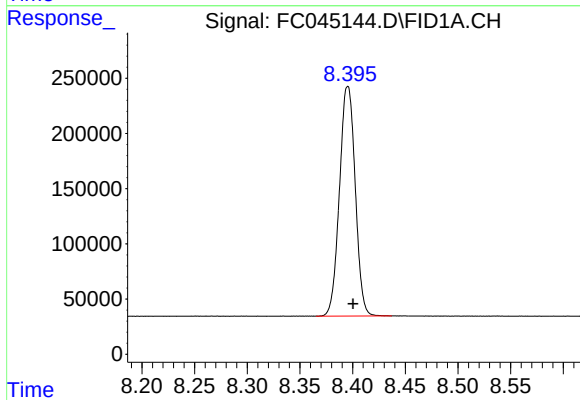
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2152679
Conc: 21.15 ug/ml



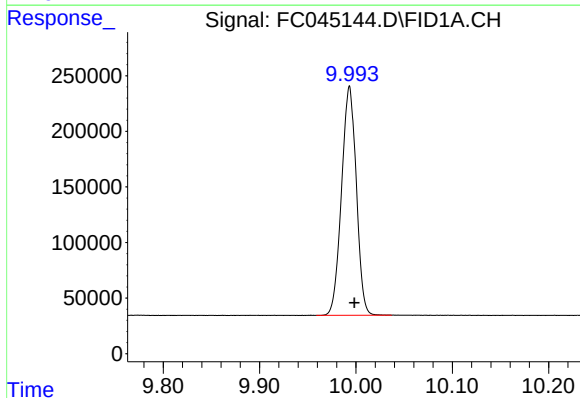
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2387782
Conc: 21.18 ug/ml



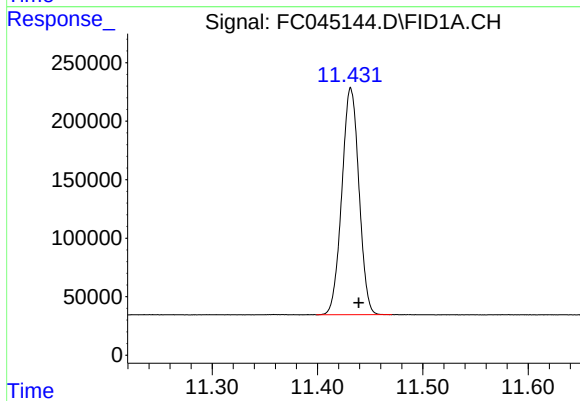
#6 n-Tetradecane (C14)

R.T.: 8.395 min
Delta R.T.: -0.005 min
Response: 2168042
Conc: 21.27 ug/ml



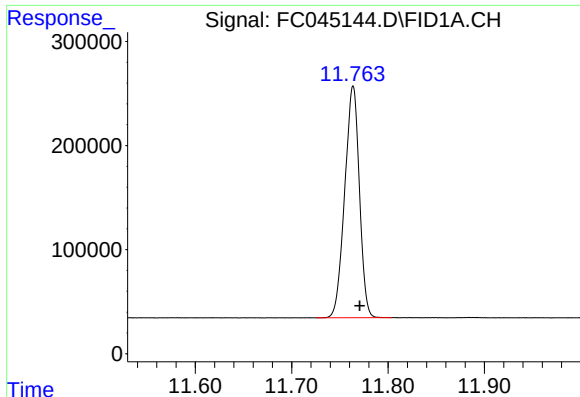
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2185273
Conc: 21.23 ug/ml



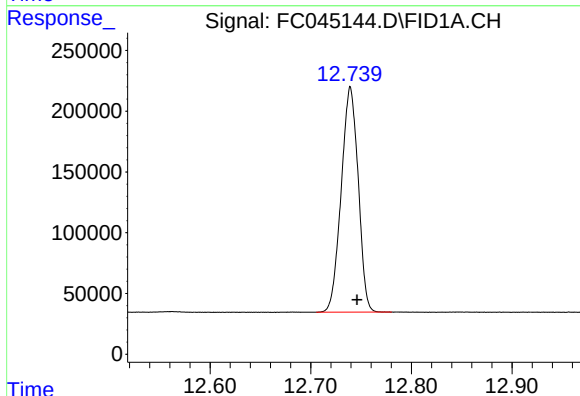
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 2189670
Conc: 21.06 ug/ml



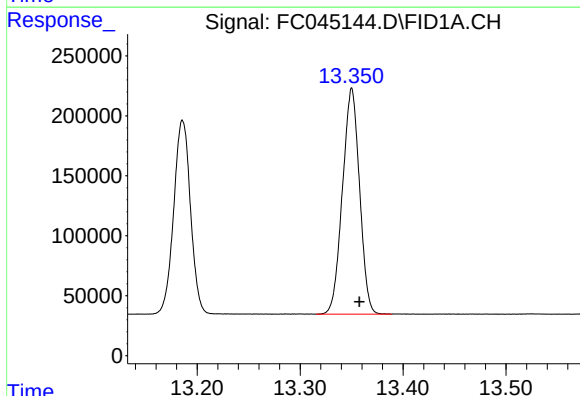
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.007 min
Response: 2341751
Conc: 20.65 ug/ml



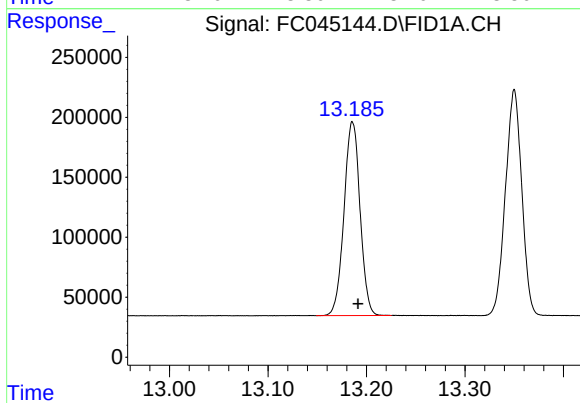
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.007 min
Response: 2174898
Conc: 20.79 ug/ml



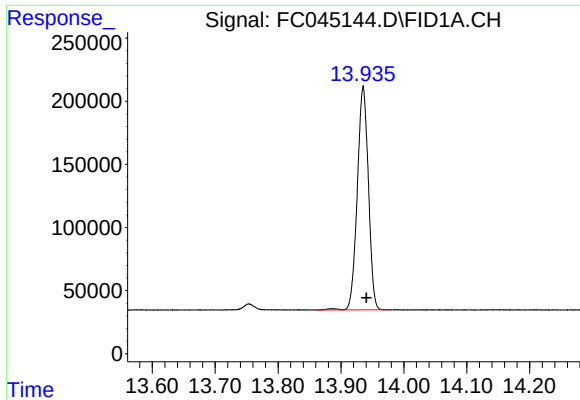
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.007 min
Response: 2173625
Conc: 20.55 ug/ml



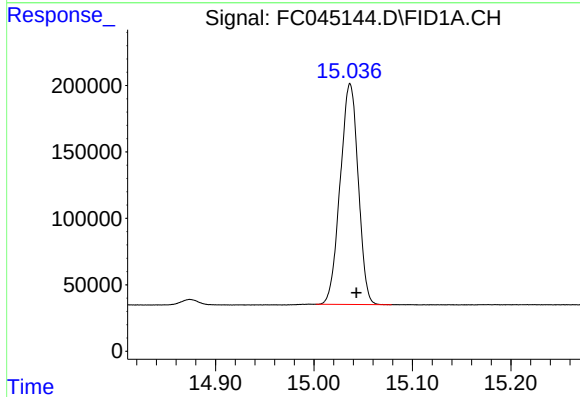
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: -0.006 min
Response: 1826971
Conc: 20.49 ug/ml



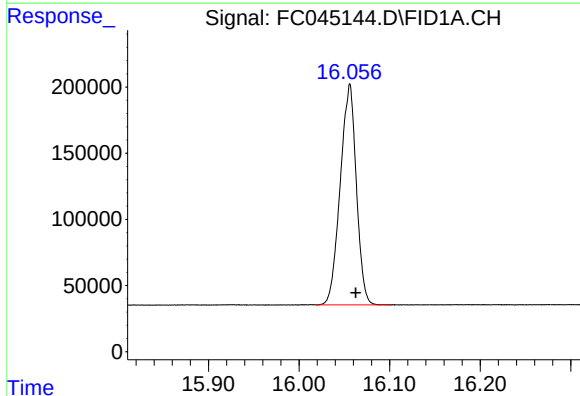
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.005 min
Response: 2166227
Conc: 20.49 ug/ml



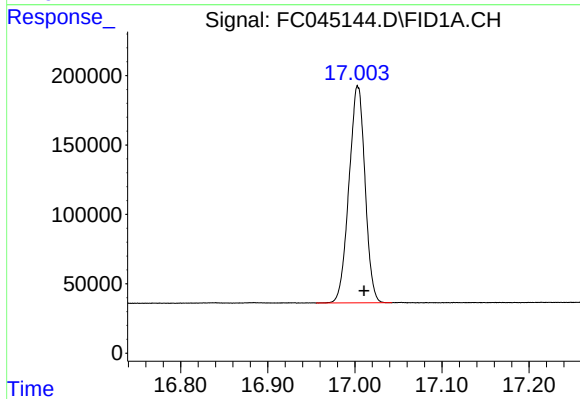
#14 n-Tetracosane (C24)

R.T.: 15.037 min
Delta R.T.: -0.006 min
Response: 2115907
Conc: 19.80 ug/ml



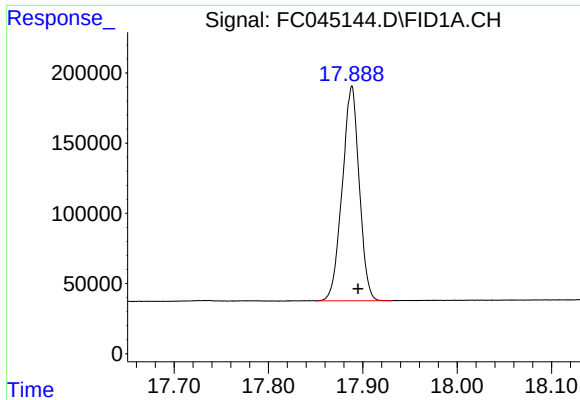
#15 n-Hexacosane (C26)

R.T.: 16.056 min
Delta R.T.: -0.006 min
Response: 2059143
Conc: 19.31 ug/ml



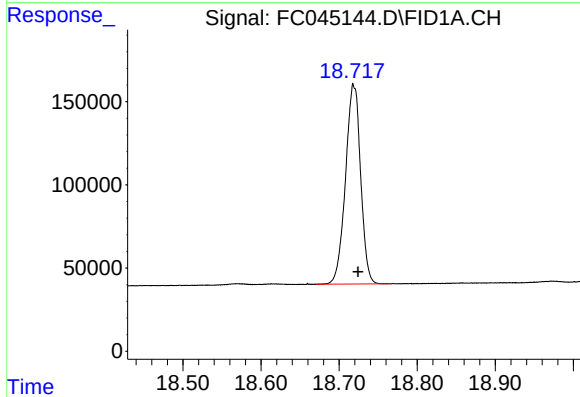
#16 n-Octacosane (C28)

R.T.: 17.003 min
Delta R.T.: -0.007 min
Response: 1998885
Conc: 18.93 ug/ml



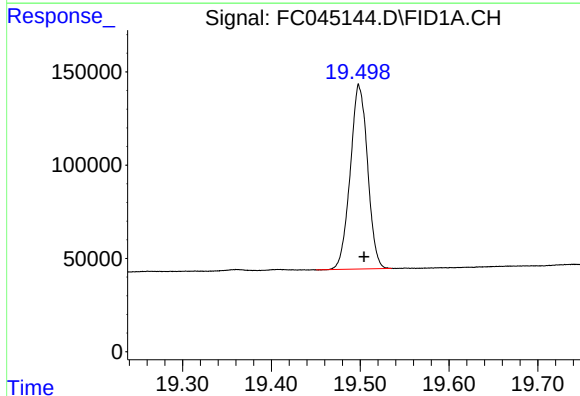
#17 n-Tricontane (C30)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 1914476
Conc: 18.78 ug/ml



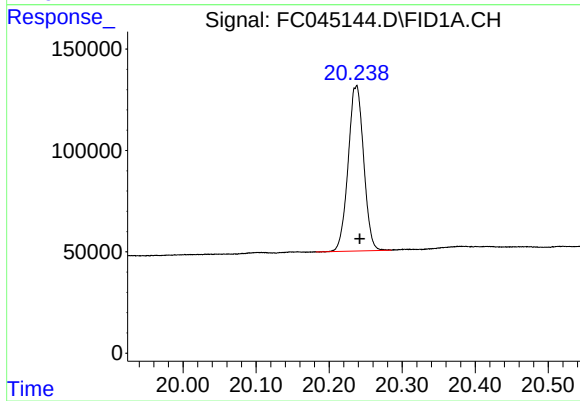
#18 n-Dotriacontane (C32)

R.T.: 18.719 min
Delta R.T.: -0.006 min
Response: 1611940
Conc: 18.63 ug/ml



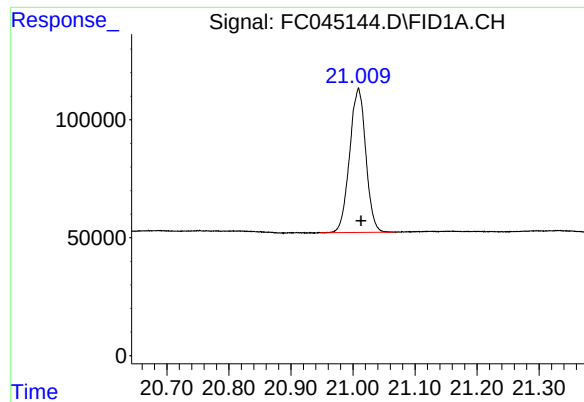
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: -0.006 min
Response: 1339815
Conc: 18.29 ug/ml



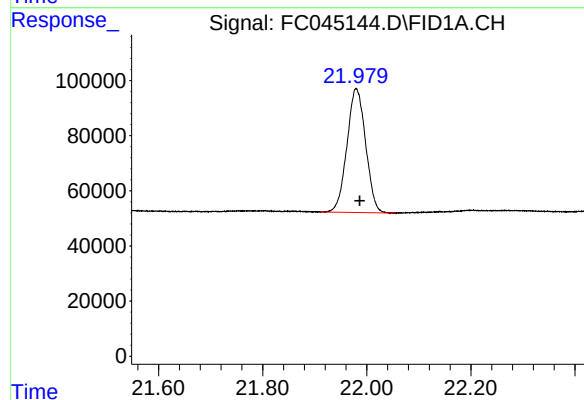
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: -0.005 min
Response: 1200803
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: -0.004 min
Response: 1105386
Conc: 18.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.007 min
Response: 1119990
Conc: 18.94 ug/ml