

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022620AL\
 Data File : FC045959.D
 Signal(s) : FID1A.CH
 Acq On : 26 Feb 2020 9:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 02:20:02 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	2461004	21.573 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
12) S 1-chlorooctadecane (S...	13.178	1909350	21.284 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
Target Compounds			
1) T n-Nonane (C9)	3.532	2202984	21.855 ug/ml
2) T n-Decane (C10)	4.602	2224590	22.056 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2446478	22.033 ug/ml
4) T n-Dodecane (C12)	6.614	2257561	22.129 ug/ml
5) T A~2-methylnaphthalene...	7.254	2471629	22.220 ug/ml
6) T n-Tetradecane (C14)	8.401	2257943	22.057 ug/ml
7) T n-Hexadecane (C16)	9.994	2266034	21.886 ug/ml
8) T n-Octadecane (C18)	11.428	2275253	21.644 ug/ml
10) T n-Eicosane (C20)	12.732	2265425	21.430 ug/ml
11) T n-Heneicosane (C21)	13.342	2275854	21.338 ug/ml
13) T n-Docosane (C22)	13.925	2252172	21.195 ug/ml
14) T n-Tetracosane (C24)	15.024	2239415	20.924 ug/ml
15) T n-Hexacosane (C26)	16.042	2189913	20.604 ug/ml
16) T n-Octacosane (C28)	16.988	2120560	20.254 ug/ml
17) T n-Tricontane (C30)	17.873	2021963	20.065 ug/ml
18) T n-Dotriacontane (C32)	18.700	1694078	19.794 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1429329	19.693 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1294257	19.138 ug/ml
21) T n-Octatriacontane (C38)	20.981	1193285	19.743 ug/ml
22) T n-Tetracontane (C40)	21.944	1217895	19.371 ug/ml

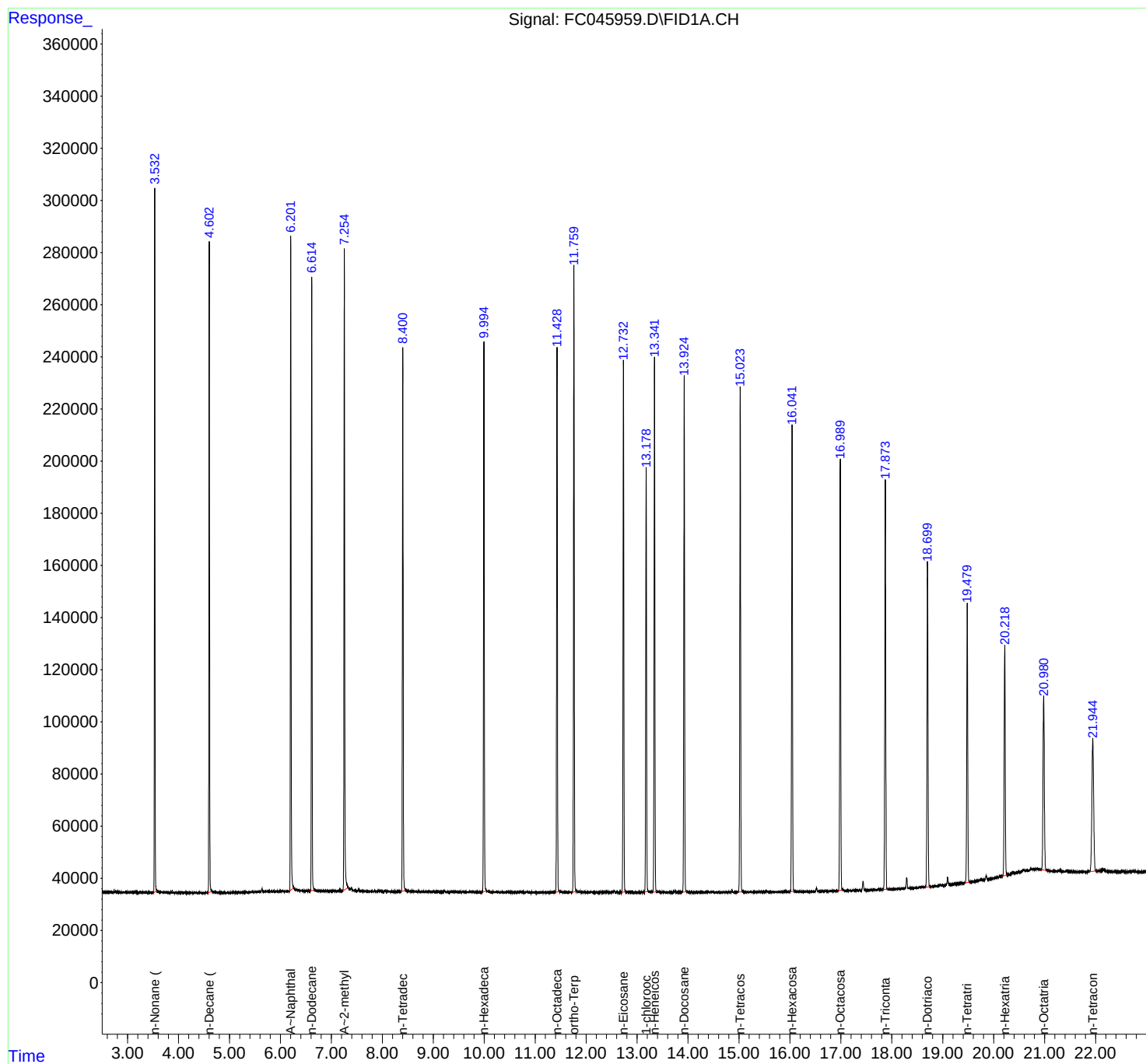
(f)=RT Delta > 1/2 Window

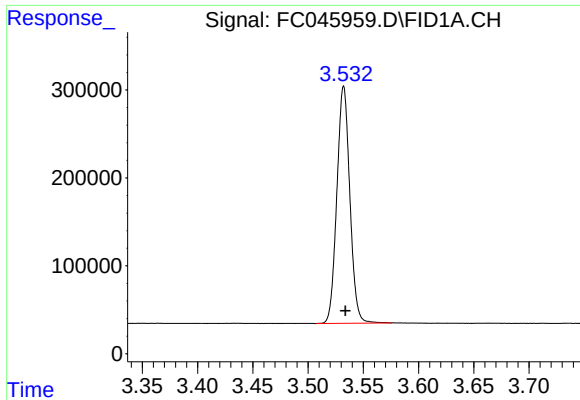
(m)=manual int.

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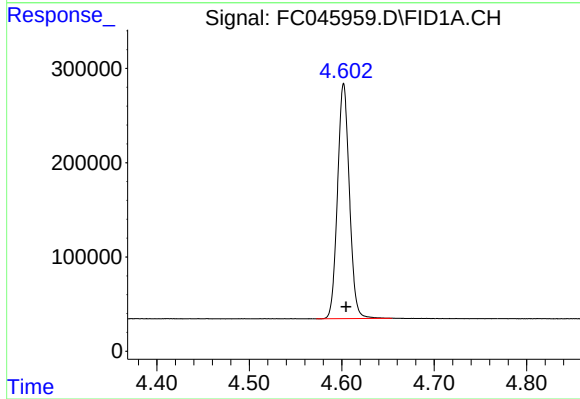
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





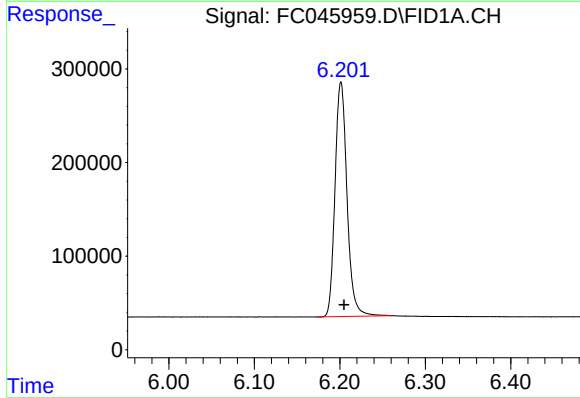
#1 n-Nonane (C9)

R.T.: 3.532 min
Delta R.T.: -0.002 min
Response: 2202984
Conc: 21.85 ug/ml



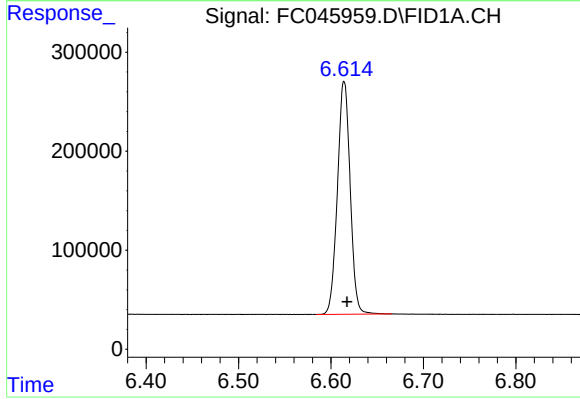
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2224590
Conc: 22.06 ug/ml



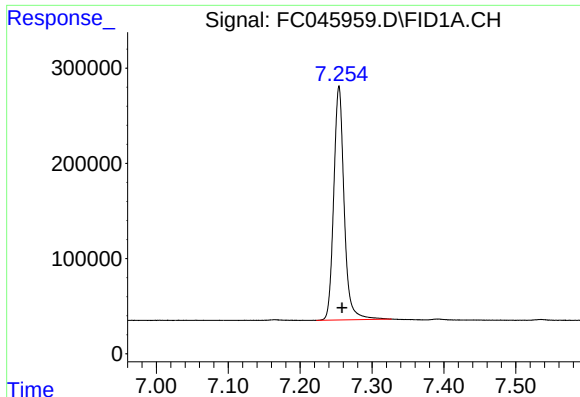
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 2446478
Conc: 22.03 ug/ml



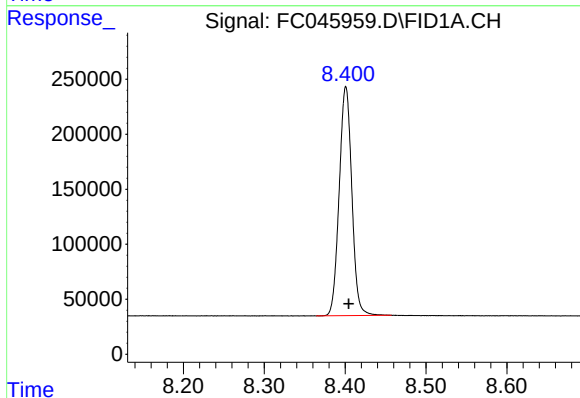
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2257561
Conc: 22.13 ug/ml



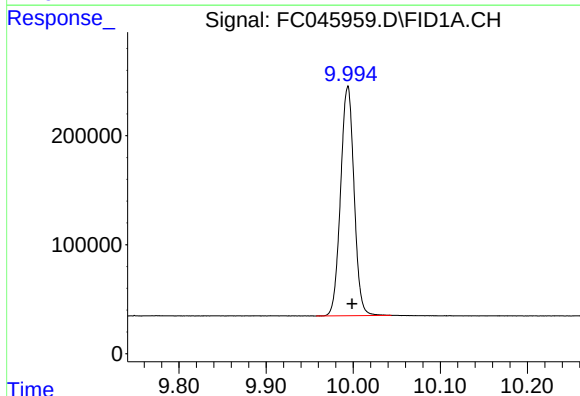
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 2471629
Conc: 22.22 ug/ml



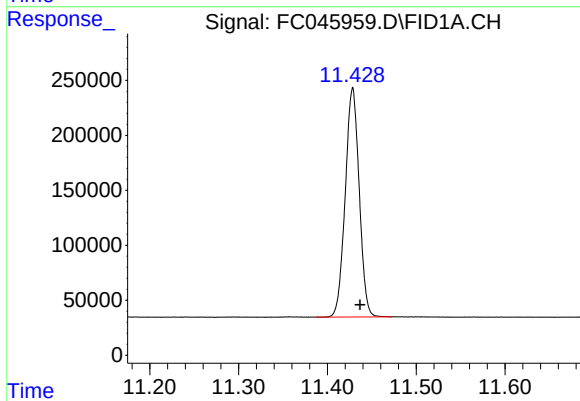
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2257943
Conc: 22.06 ug/ml



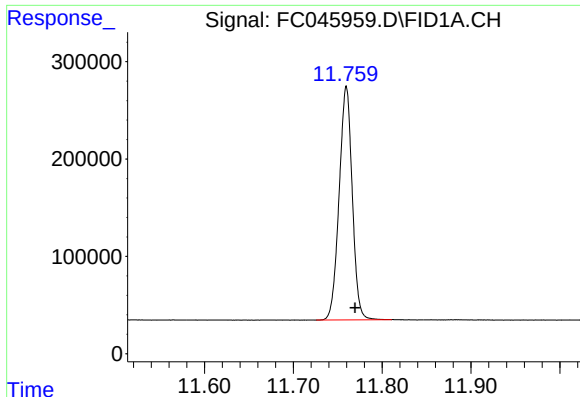
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2266034
Conc: 21.89 ug/ml



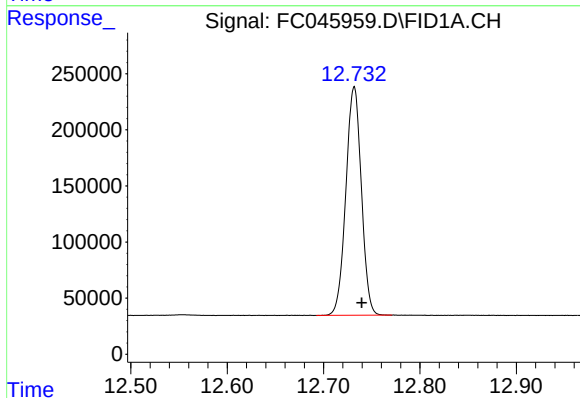
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: -0.008 min
Response: 2275253
Conc: 21.64 ug/ml



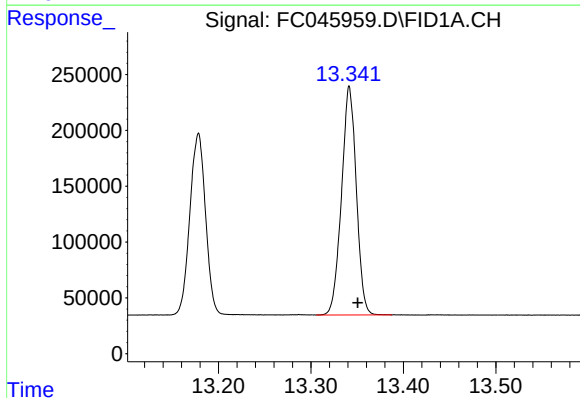
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.010 min
Response: 2461004
Conc: 21.57 ug/ml



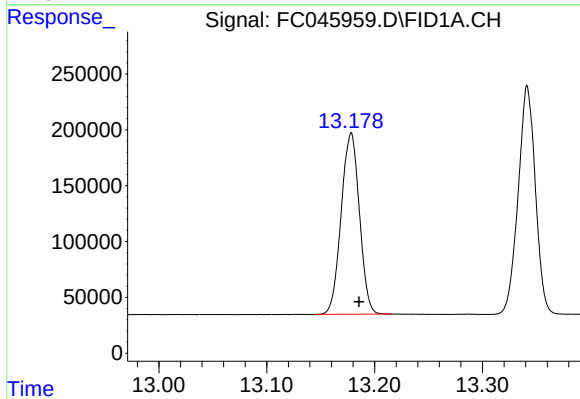
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: -0.008 min
Response: 2265425
Conc: 21.43 ug/ml



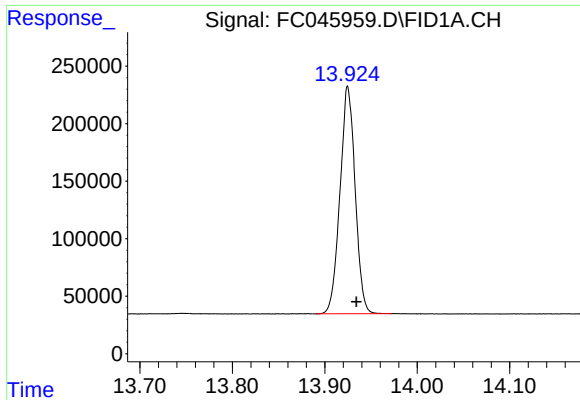
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: -0.009 min
Response: 2275854
Conc: 21.34 ug/ml



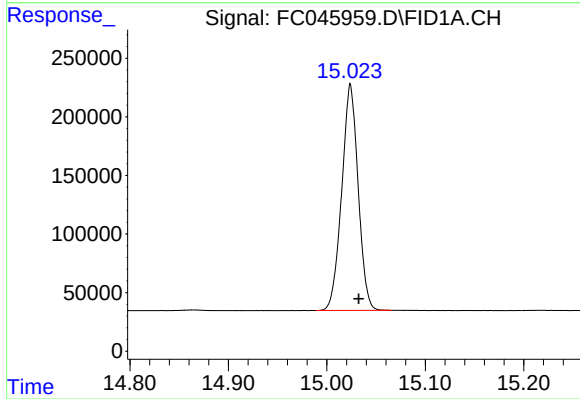
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: -0.007 min
Response: 1909350
Conc: 21.28 ug/ml



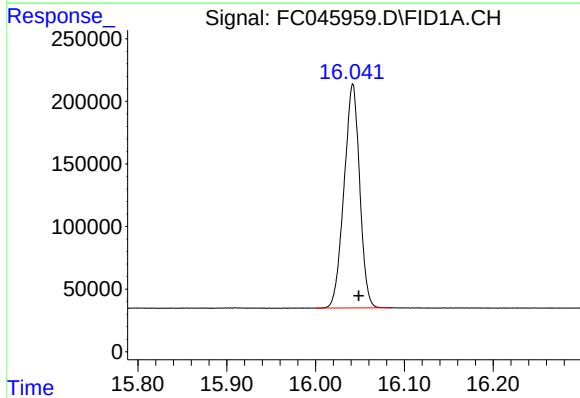
#13 n-Docosane (C22)

R.T.: 13.925 min
Delta R.T.: -0.009 min
Response: 2252172
Conc: 21.20 ug/ml



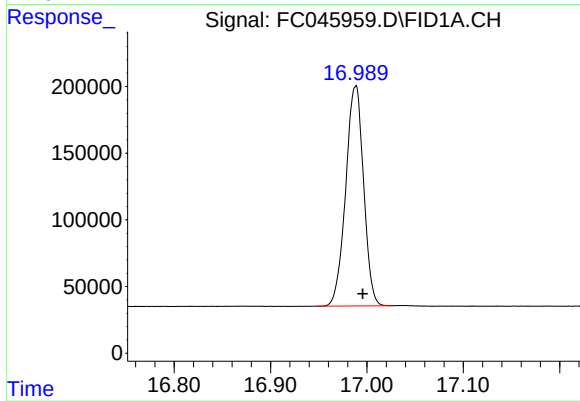
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.008 min
Response: 2239415
Conc: 20.92 ug/ml



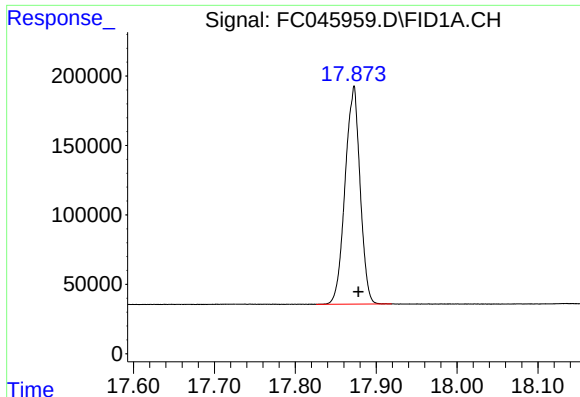
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.007 min
Response: 2189913
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.988 min
Delta R.T.: -0.007 min
Response: 2120560
Conc: 20.25 ug/ml



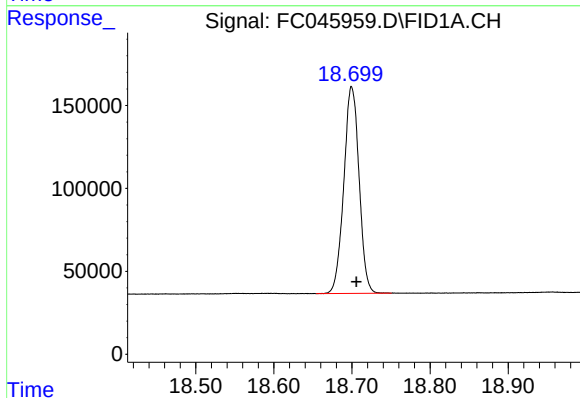
#17 n-Tricontane (C30)

R.T.: 17.873 min

Delta R.T.: -0.006 min

Response: 2021963

Conc: 20.06 ug/ml



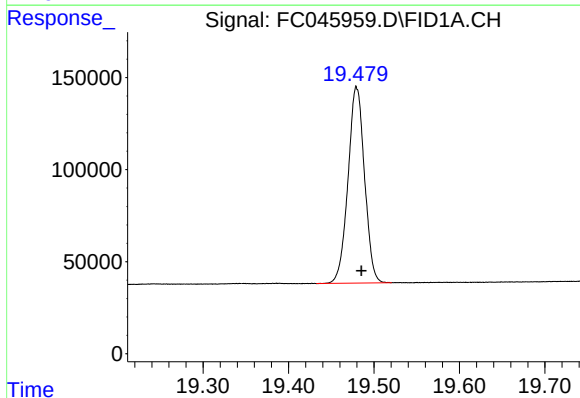
#18 n-Dotriacontane (C32)

R.T.: 18.700 min

Delta R.T.: -0.006 min

Response: 1694078

Conc: 19.79 ug/ml



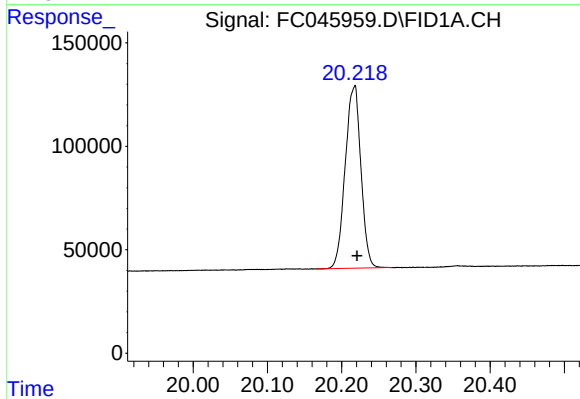
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min

Delta R.T.: -0.006 min

Response: 1429329

Conc: 19.69 ug/ml



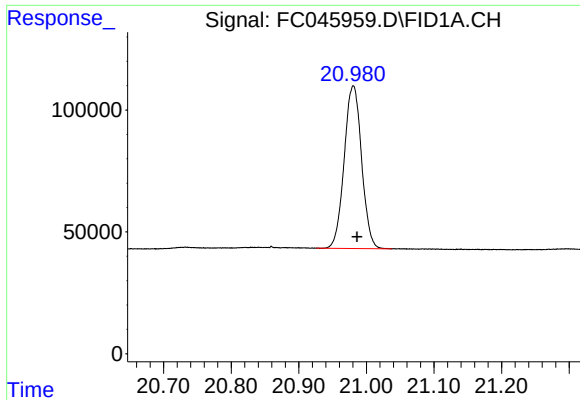
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min

Delta R.T.: -0.003 min

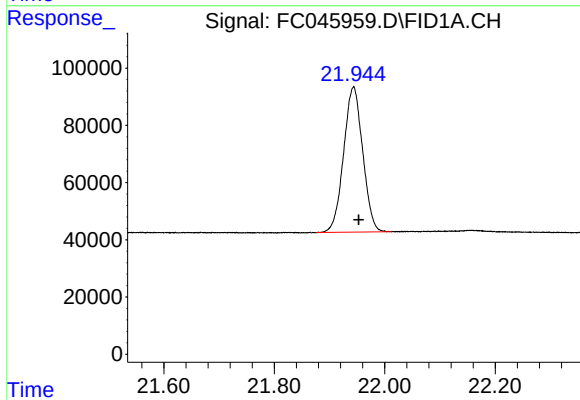
Response: 1294257

Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: -0.005 min
Response: 1193285
Conc: 19.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.009 min
Response: 1217895
Conc: 19.37 ug/ml