

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020620AL\
 Data File : FC045721.D
 Signal(s) : FID1A.CH
 Acq On : 07 Feb 2020 1:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 04:42:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.768	2177917	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.189	1677887	19.298 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.520	2136377	22.088 ug/ml
2) T n-Decane (C10)	4.596	2172637	22.433 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2330246	21.818 ug/ml
4) T n-Dodecane (C12)	6.613	2177311	22.272 ug/ml
5) T A~2-methylnaphthalene...	7.255	2329567	21.732 ug/ml
6) T n-Tetradecane (C14)	8.402	2148237	21.800 ug/ml
7) T n-Hexadecane (C16)	9.998	2117151	21.147 ug/ml
8) T n-Octadecane (C18)	11.435	2084007	20.461 ug/ml
10) T n-Eicosane (C20)	12.743	2031762	19.812 ug/ml
11) T n-Heneicosane (C21)	13.352	2010429	19.423 ug/ml
13) T n-Docosane (C22)	13.937	1972177	19.114 ug/ml
14) T n-Tetracosane (C24)	15.039	1939349	18.663 ug/ml
15) T n-Hexacosane (C26)	16.056	1902375	18.413 ug/ml
16) T n-Octacosane (C28)	17.005	1904522	18.633 ug/ml
17) T n-Tricontane (C30)	17.890	1905122	19.407 ug/ml
18) T n-Dotriacontane (C32)	18.720	1671474	20.087 ug/ml
19) T n-Tetratriacontane (C34)	19.500	1435975	20.291 ug/ml
20) T n-Hexatriacontane (C36)	20.239	1321982	20.618 ug/mlm
21) T n-Octatriacontane (C38)	21.009	1224187	20.930 ug/ml
22) T n-Tetracontane (C40)	21.984	1236571	20.962 ug/ml

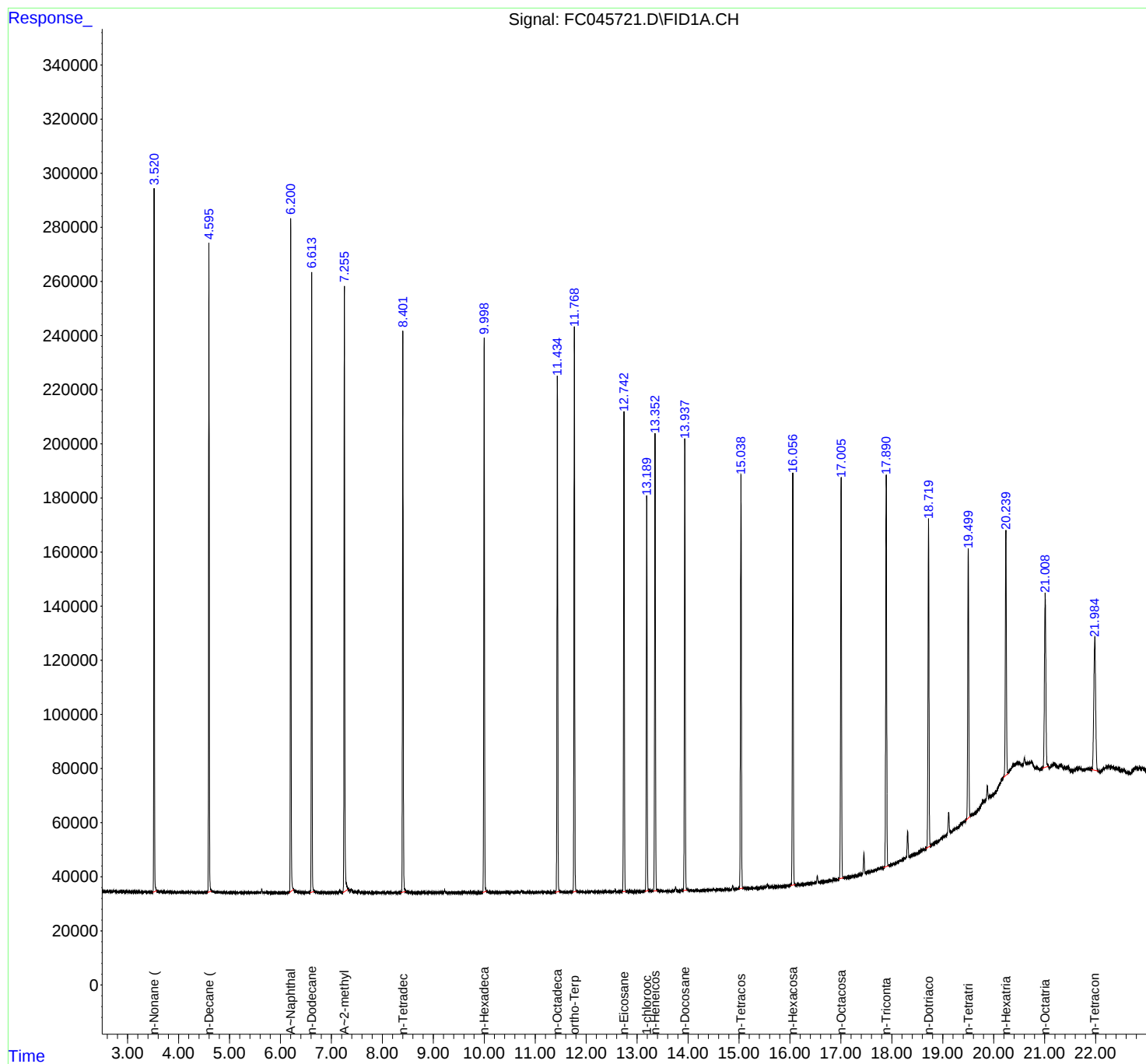
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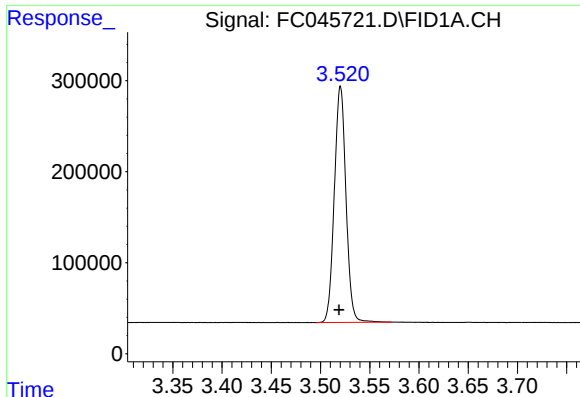
(m)=manual int.

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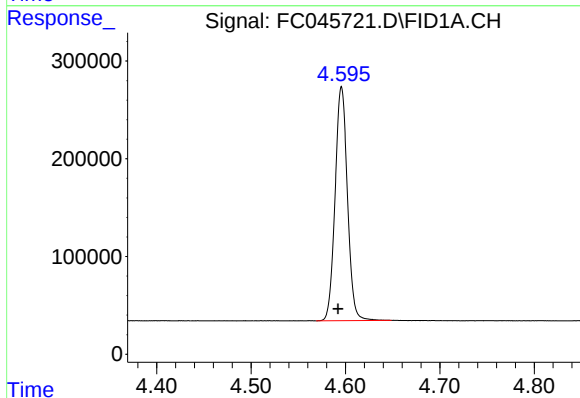
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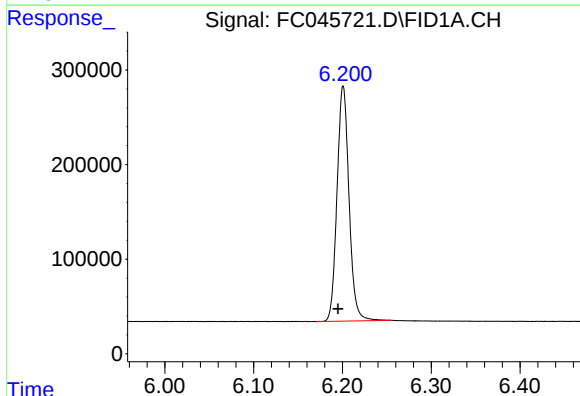
#1 n-Nonane (C9)

R.T.: 3.520 min
Delta R.T.: 0.001 min
Response: 2136377
Conc: 22.09 ug/ml



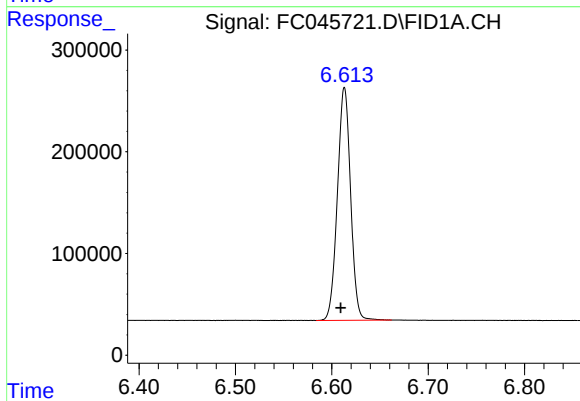
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 2172637
Conc: 22.43 ug/ml



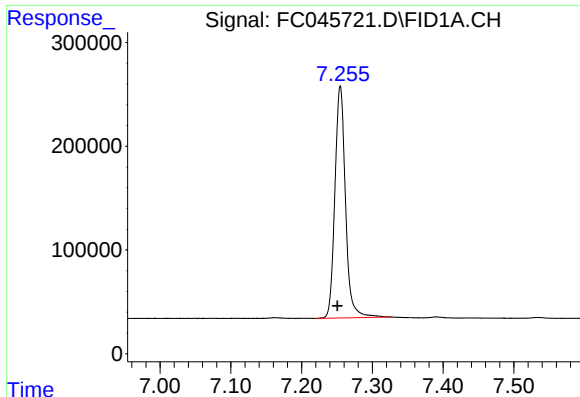
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.006 min
Response: 2330246
Conc: 21.82 ug/ml



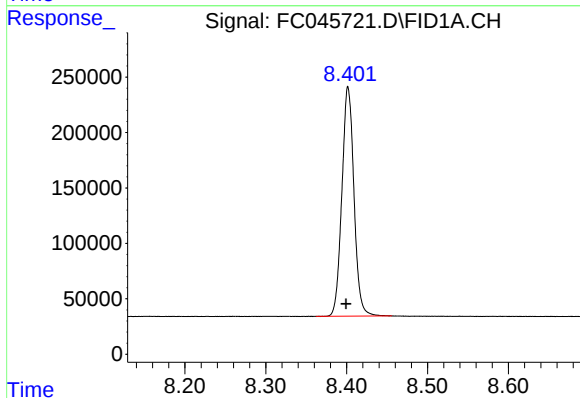
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 2177311
Conc: 22.27 ug/ml



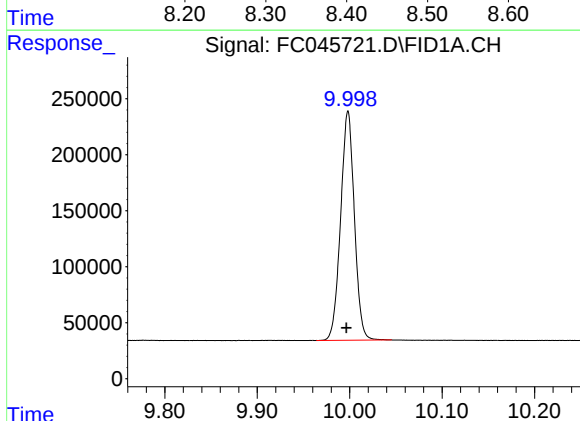
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: 0.004 min
Response: 2329567
Conc: 21.73 ug/ml



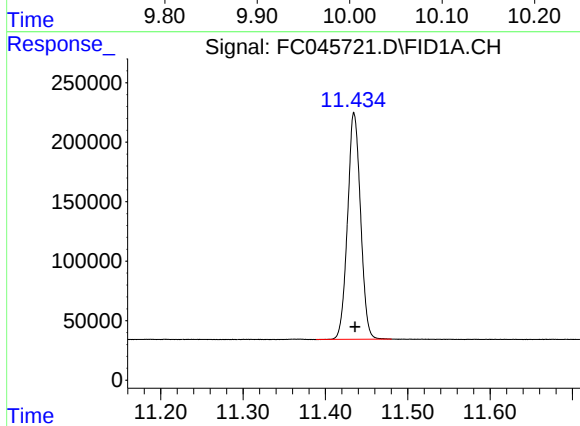
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 2148237
Conc: 21.80 ug/ml



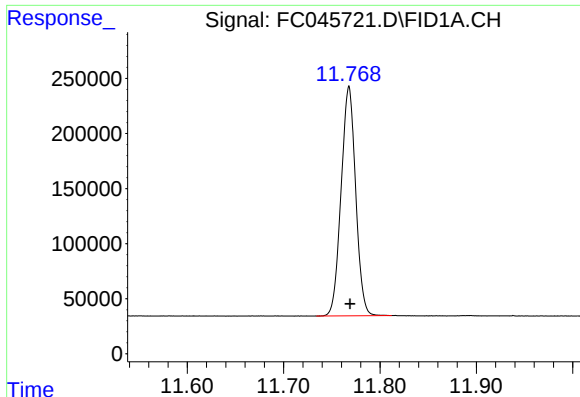
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.002 min
Response: 2117151
Conc: 21.15 ug/ml



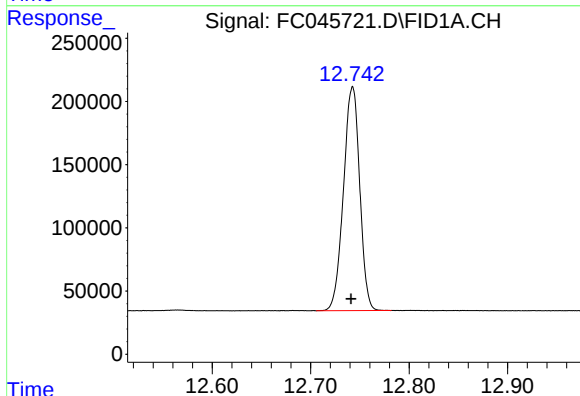
#8 n-Octadecane (C18)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 2084007
Conc: 20.46 ug/ml



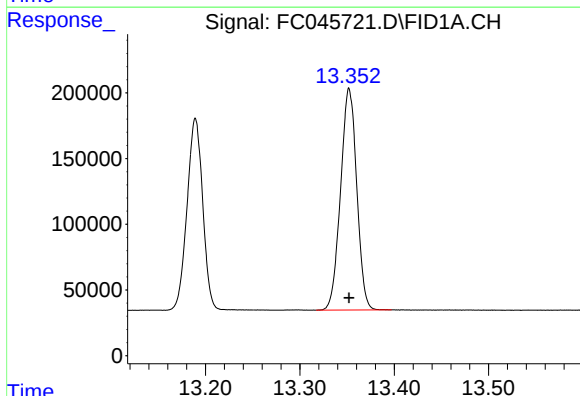
#9 ortho-Terphenyl (SURR)

R.T.: 11.768 min
Delta R.T.: -0.001 min
Response: 2177917
Conc: 19.81 ug/ml



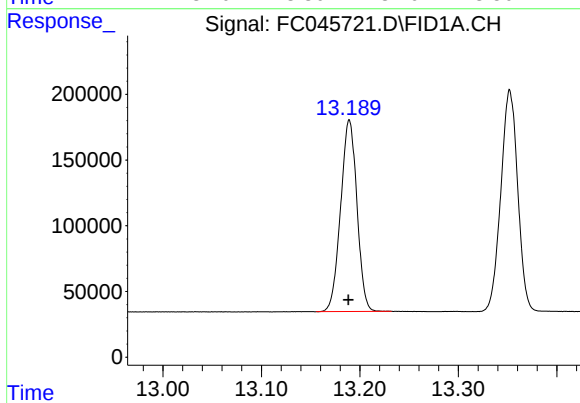
#10 n-Eicosane (C20)

R.T.: 12.743 min
Delta R.T.: 0.001 min
Response: 2031762
Conc: 19.81 ug/ml



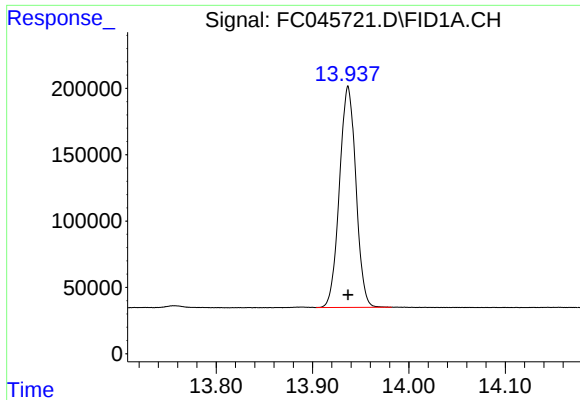
#11 n-Heneicosane (C21)

R.T.: 13.352 min
Delta R.T.: 0.000 min
Response: 2010429
Conc: 19.42 ug/ml



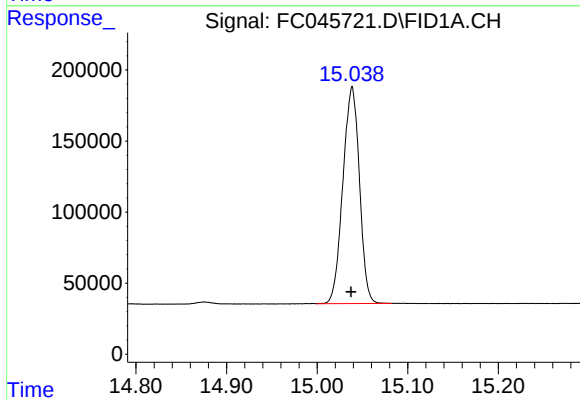
#12 1-chlorooctadecane (SURR)

R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 1677887
Conc: 19.30 ug/ml



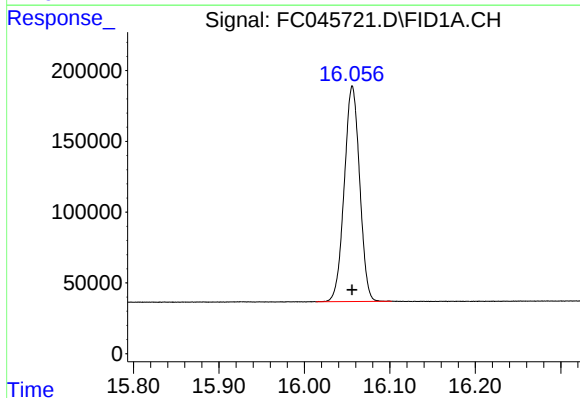
#13 n-Docosane (C22)

R.T.: 13.937 min
Delta R.T.: 0.000 min
Response: 1972177
Conc: 19.11 ug/ml



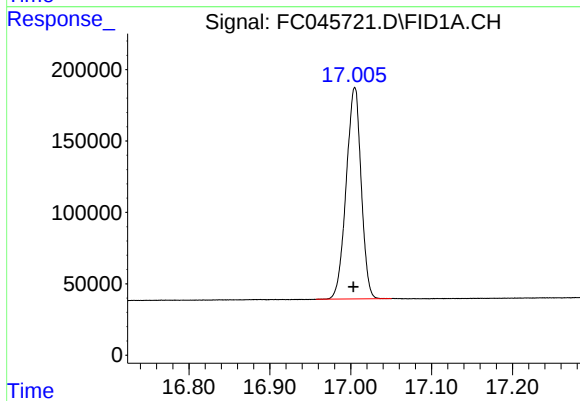
#14 n-Tetracosane (C24)

R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 1939349
Conc: 18.66 ug/ml



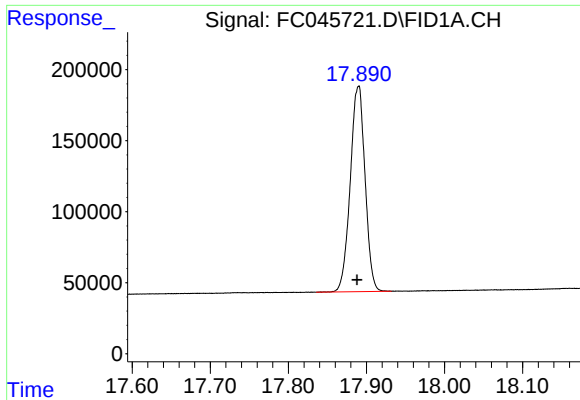
#15 n-Hexacosane (C26)

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 1902375
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.005 min
Delta R.T.: 0.002 min
Response: 1904522
Conc: 18.63 ug/ml



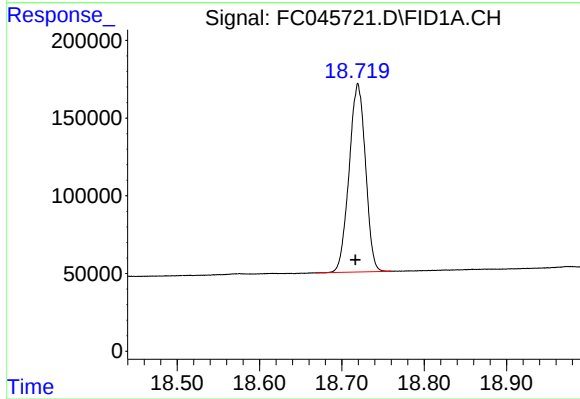
#17 n-Tricontane (C30)

R.T.: 17.890 min

Delta R.T.: 0.002 min

Response: 1905122

Conc: 19.41 ug/ml



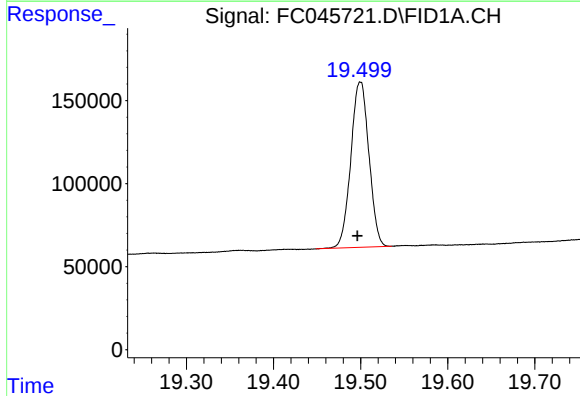
#18 n-Dotriacontane (C32)

R.T.: 18.720 min

Delta R.T.: 0.003 min

Response: 1671474

Conc: 20.09 ug/ml



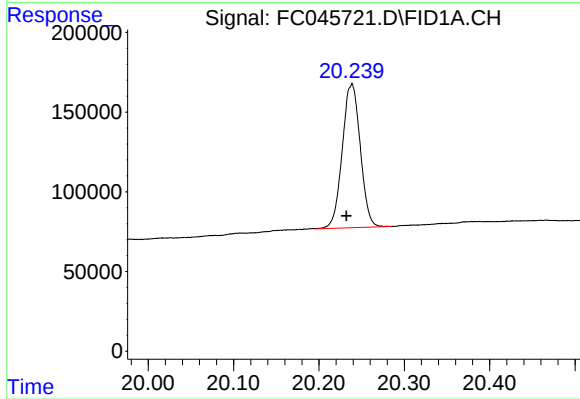
#19 n-Tetratriacontane (C34)

R.T.: 19.500 min

Delta R.T.: 0.004 min

Response: 1435975

Conc: 20.29 ug/ml



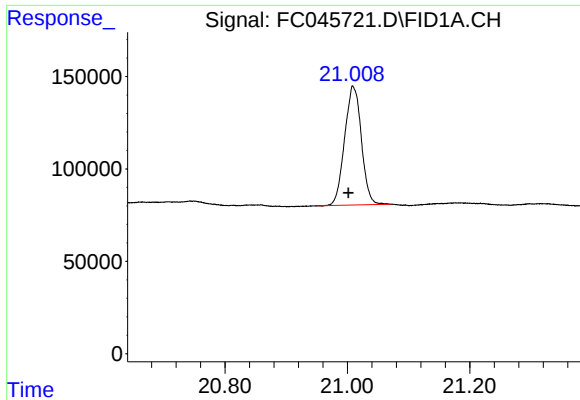
#20 n-Hexatriacontane (C36)

R.T.: 20.239 min

Delta R.T.: 0.007 min

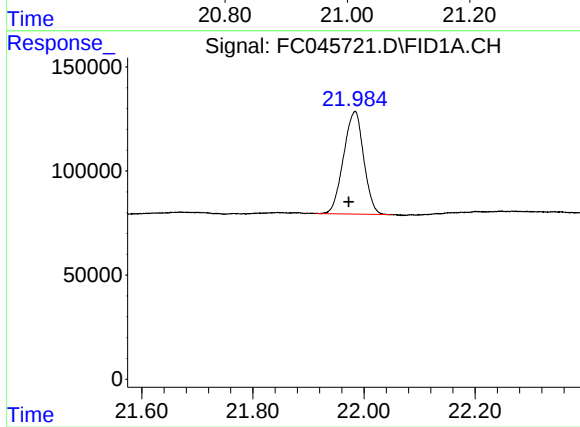
Response: 1321982

Conc: 20.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.008 min
Response: 1224187
Conc: 20.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.012 min
Response: 1236571
Conc: 20.96 ug/ml