

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041719AL\
 Data File : FC040711.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2019 12:54
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 13:27:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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)	11.025	2706596	21.018 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	12.452	2057294	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	2.863	1601247	19.401 ug/ml
2) T n-Decane (C10)	3.885	1718431	20.304 ug/ml
3) T A~Naphthalene (C11.7)	5.459	2214570	22.697 ug/ml
4) T n-Dodecane (C12)	5.878	1869248	21.641 ug/ml
5) T A~2-methylnaphthalene...	6.508	2280016	22.946 ug/ml
6) T n-Tetradecane (C14)	7.667	2004256	21.990 ug/ml
7) T n-Hexadecane (C16)	9.263	2062789	21.462 ug/ml
8) T n-Octadecane (C18)	10.701	2071468	20.650 ug/ml
10) T n-Eicosane (C20)	12.008	2093367	20.570 ug/ml
11) T n-Heneicosane (C21)	12.617	2069524	20.522 ug/ml
13) T n-Docosane (C22)	13.203	2098638	20.878 ug/ml
14) T n-Tetracosane (C24)	14.304	2141579	21.510 ug/ml
15) T n-Hexacosane (C26)	15.324	2212009	22.594 ug/ml
16) T n-Octacosane (C28)	16.272	2298732	23.433 ug/ml
17) T n-Tricontane (C30)	17.159	2283370	23.335 ug/ml
18) T n-Dotriacontane (C32)	17.990	2203333	22.767 ug/ml
19) T n-Tetratriacontane (C34)	18.806	1868287	22.287 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1625529	22.078 ug/ml
21) T n-Octatriacontane (C38)	21.215	1511648	21.876 ug/ml
22) T n-Tetracontane (C40)	23.133	1454021	21.450 ug/ml

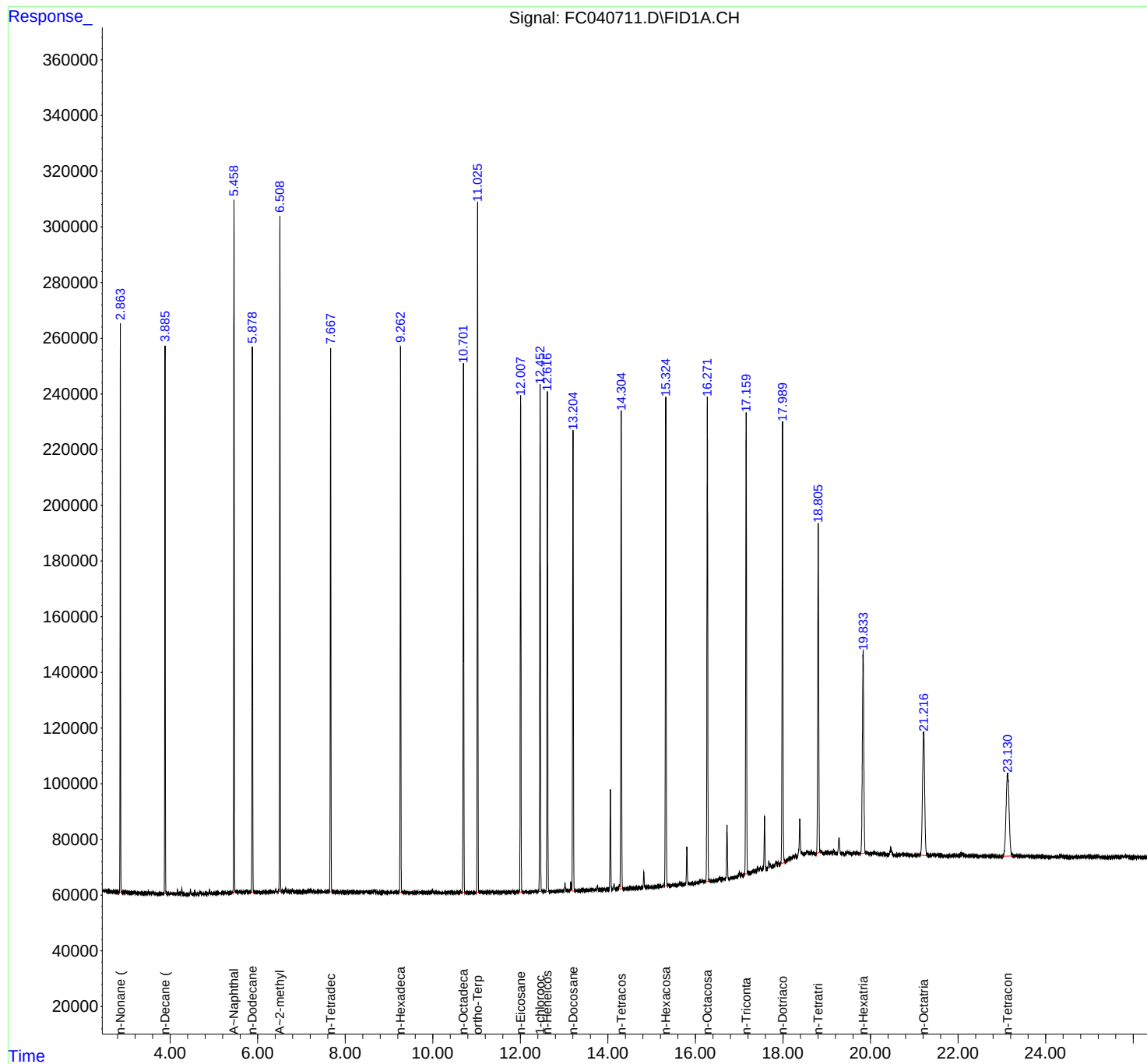
(f)=RT Delta > 1/2 Window

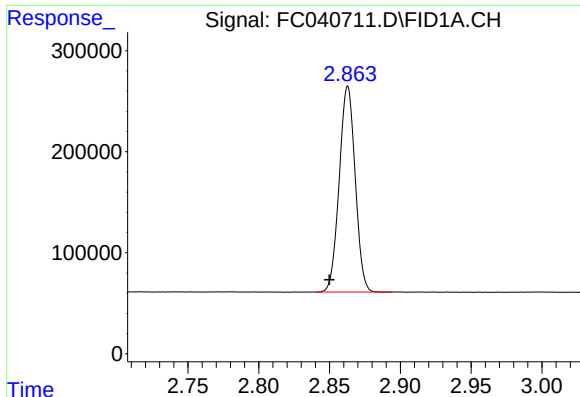
(m)=manual int.

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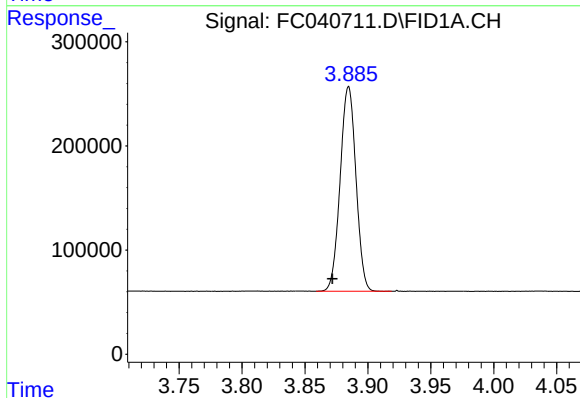
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Signal Info : 20M x 0.18mm x 0.18um





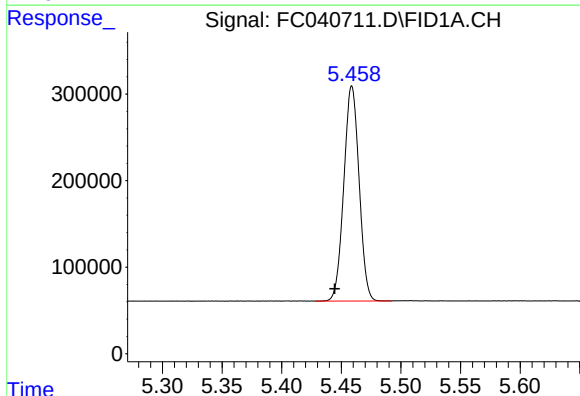
#1 n-Nonane (C9)

R.T.: 2.863 min
Delta R.T.: 0.013 min
Response: 1601247
Conc: 19.40 ug/ml



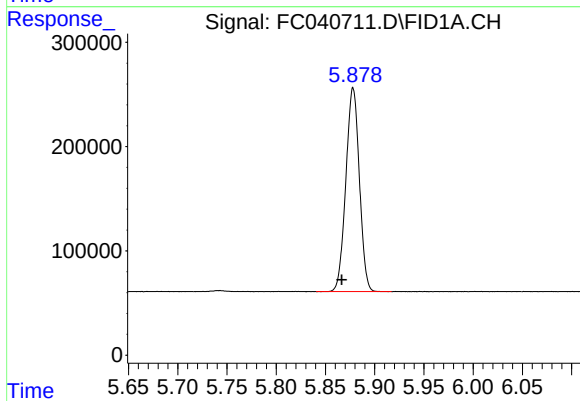
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.013 min
Response: 1718431
Conc: 20.30 ug/ml



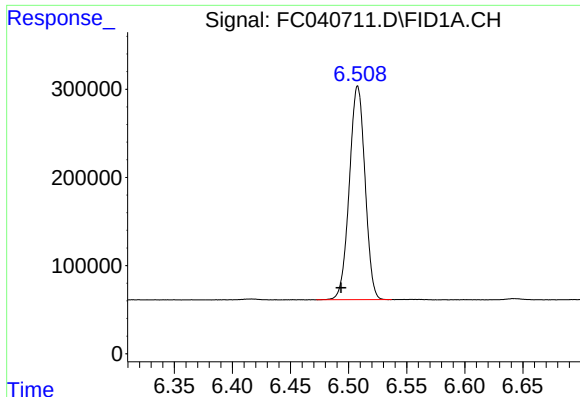
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.014 min
Response: 2214570
Conc: 22.70 ug/ml



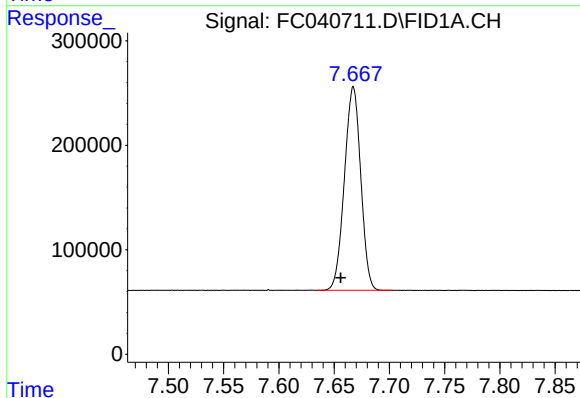
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.012 min
Response: 1869248
Conc: 21.64 ug/ml



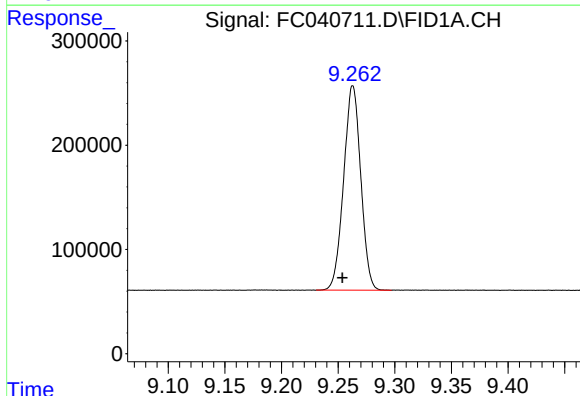
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.508 min
Delta R.T.: 0.015 min
Response: 2280016
Conc: 22.95 ug/ml



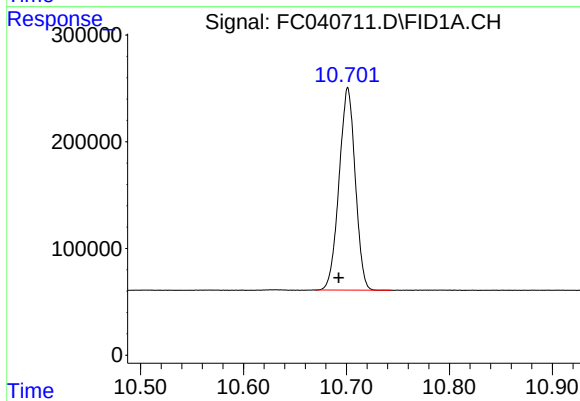
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 2004256
Conc: 21.99 ug/ml



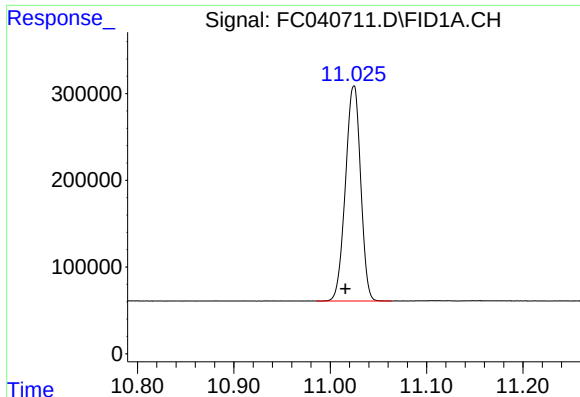
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.009 min
Response: 2062789
Conc: 21.46 ug/ml



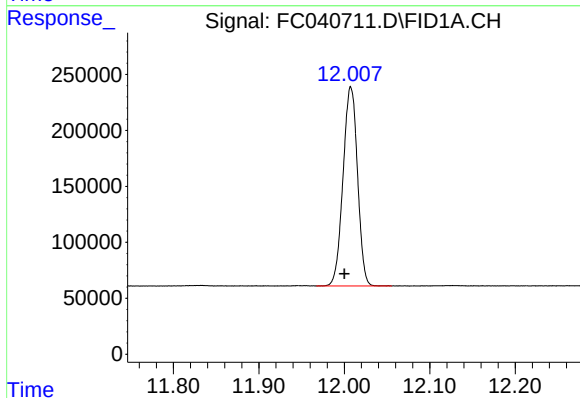
#8 n-Octadecane (C18)

R.T.: 10.701 min
Delta R.T.: 0.009 min
Response: 2071468
Conc: 20.65 ug/ml



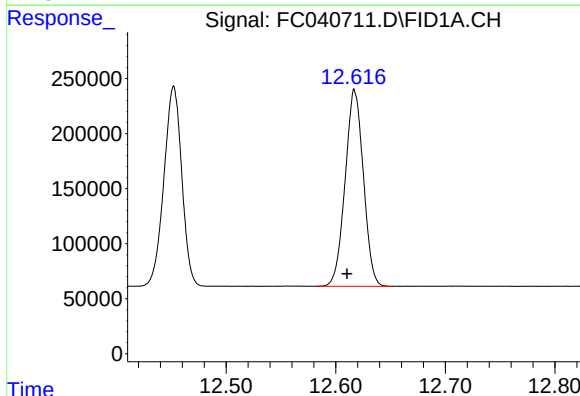
#9 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: 0.009 min
Response: 2706596
Conc: 21.02 ug/ml



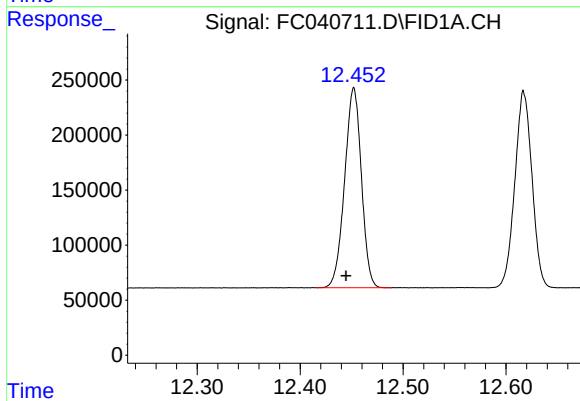
#10 n-Eicosane (C20)

R.T.: 12.008 min
Delta R.T.: 0.008 min
Response: 2093367
Conc: 20.57 ug/ml



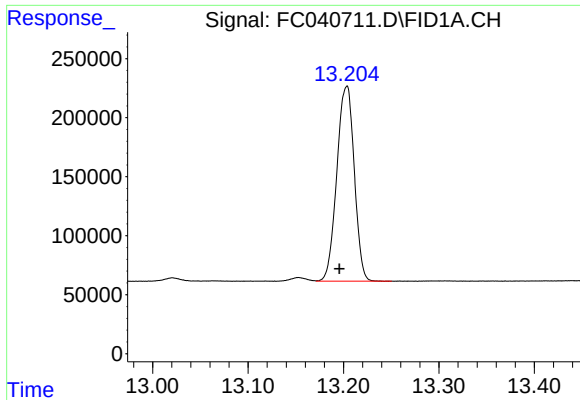
#11 n-Heneicosane (C21)

R.T.: 12.617 min
Delta R.T.: 0.007 min
Response: 2069524
Conc: 20.52 ug/ml



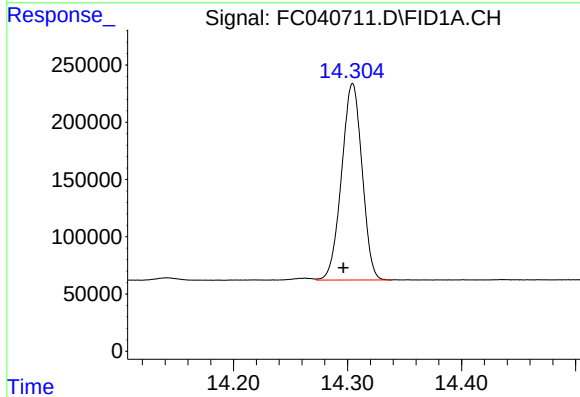
#12 1-chlorooctadecane (SURR)

R.T.: 12.452 min
Delta R.T.: 0.008 min
Response: 2057294
Conc: 20.83 ug/ml



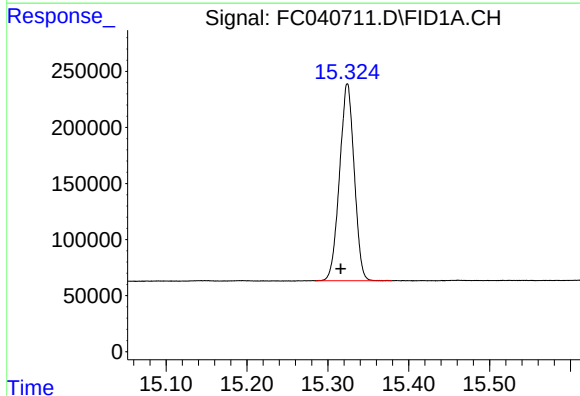
#13 n-Docosane (C22)

R.T.: 13.203 min
Delta R.T.: 0.008 min
Response: 2098638
Conc: 20.88 ug/ml



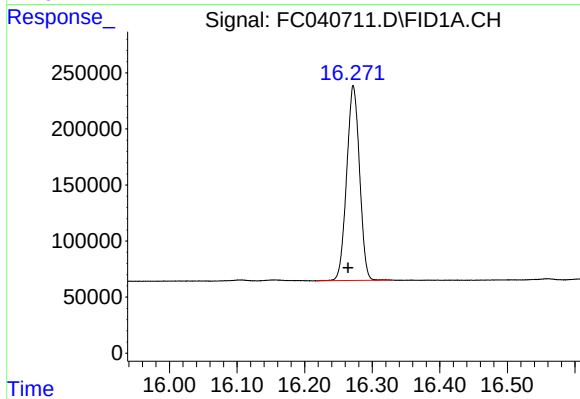
#14 n-Tetracosane (C24)

R.T.: 14.304 min
Delta R.T.: 0.008 min
Response: 2141579
Conc: 21.51 ug/ml



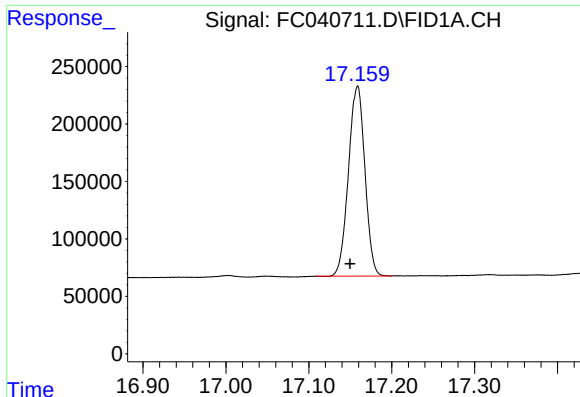
#15 n-Hexacosane (C26)

R.T.: 15.324 min
Delta R.T.: 0.008 min
Response: 2212009
Conc: 22.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.272 min
Delta R.T.: 0.008 min
Response: 2298732
Conc: 23.43 ug/ml



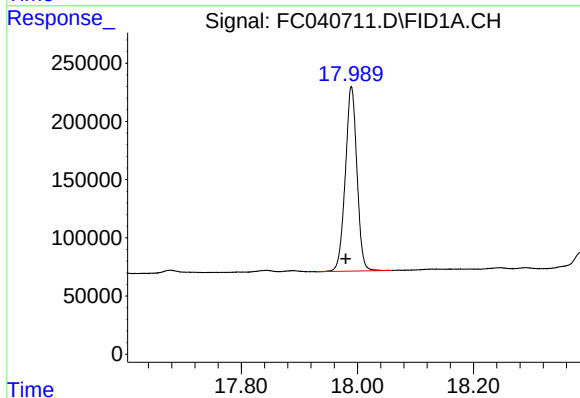
#17 n-Tricontane (C30)

R.T.: 17.159 min

Delta R.T.: 0.009 min

Response: 2283370

Conc: 23.34 ug/ml



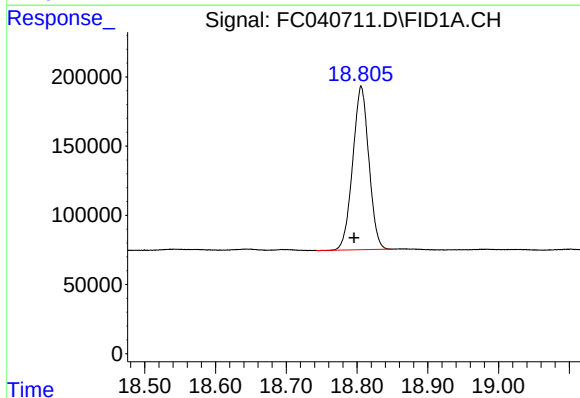
#18 n-Dotriacontane (C32)

R.T.: 17.990 min

Delta R.T.: 0.009 min

Response: 2203333

Conc: 22.77 ug/ml



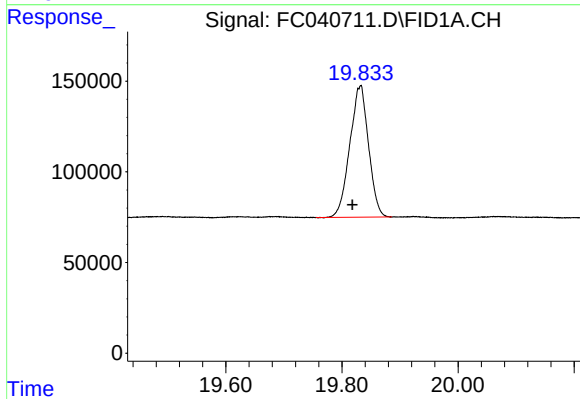
#19 n-Tetratriacontane (C34)

R.T.: 18.806 min

Delta R.T.: 0.010 min

Response: 1868287

Conc: 22.29 ug/ml



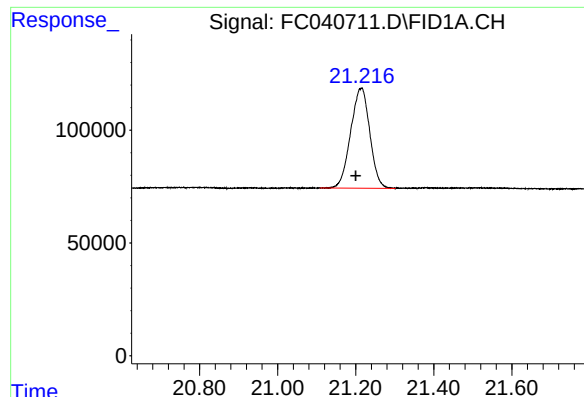
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min

Delta R.T.: 0.015 min

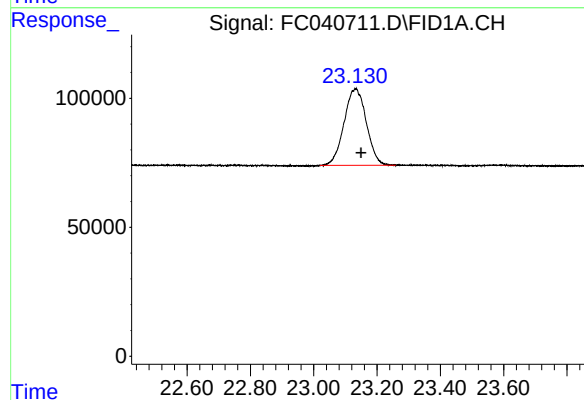
Response: 1625529

Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.015 min
Response: 1511648
Conc: 21.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.133 min
Delta R.T.: -0.017 min
Response: 1454021
Conc: 21.45 ug/ml