

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112719AL\
 Data File : FC044774.D
 Signal(s) : FID1A.CH
 Acq On : 28 Nov 2019 8:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 29 00:45:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.757	2060935	18.086 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
12) S 1-chlorooctadecane (S...	13.183	1602431	18.096 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.499	1817777	17.880 ug/ml
2) T n-Decane (C10)	4.575	1840442	18.123 ug/ml
3) T A~Naphthalene (C11.7)	6.175	2072498	18.140 ug/ml
4) T n-Dodecane (C12)	6.595	1859307	18.275 ug/ml
5) T A~2-methylnaphthalene...	7.231	2092079	18.245 ug/ml
6) T n-Tetradecane (C14)	8.388	1875959	18.404 ug/ml
7) T n-Hexadecane (C16)	9.987	1899495	18.512 ug/ml
8) T n-Octadecane (C18)	11.428	1913320	18.479 ug/ml
10) T n-Eicosane (C20)	12.736	1922609	18.430 ug/ml
11) T n-Heneicosane (C21)	13.347	1914580	18.150 ug/ml
13) T n-Docosane (C22)	13.934	1947332	18.459 ug/ml
14) T n-Tetracosane (C24)	15.036	1998556	18.668 ug/ml
15) T n-Hexacosane (C26)	16.056	2080751	19.551 ug/ml
16) T n-Octacosane (C28)	17.006	2115126	20.152 ug/ml
17) T n-Tricontane (C30)	17.893	1975696	19.733 ug/ml
18) T n-Dotriacontane (C32)	18.725	1656920	19.900 ug/ml
19) T n-Tetratriacontane (C34)	19.506	1287844	18.771 ug/ml
20) T n-Hexatriacontane (C36)	20.244	1164265	19.506 ug/ml
21) T n-Octatriacontane (C38)	21.019	1013406	18.851 ug/ml
22) T n-Tetracontane (C40)	21.991	1042057	19.450 ug/ml

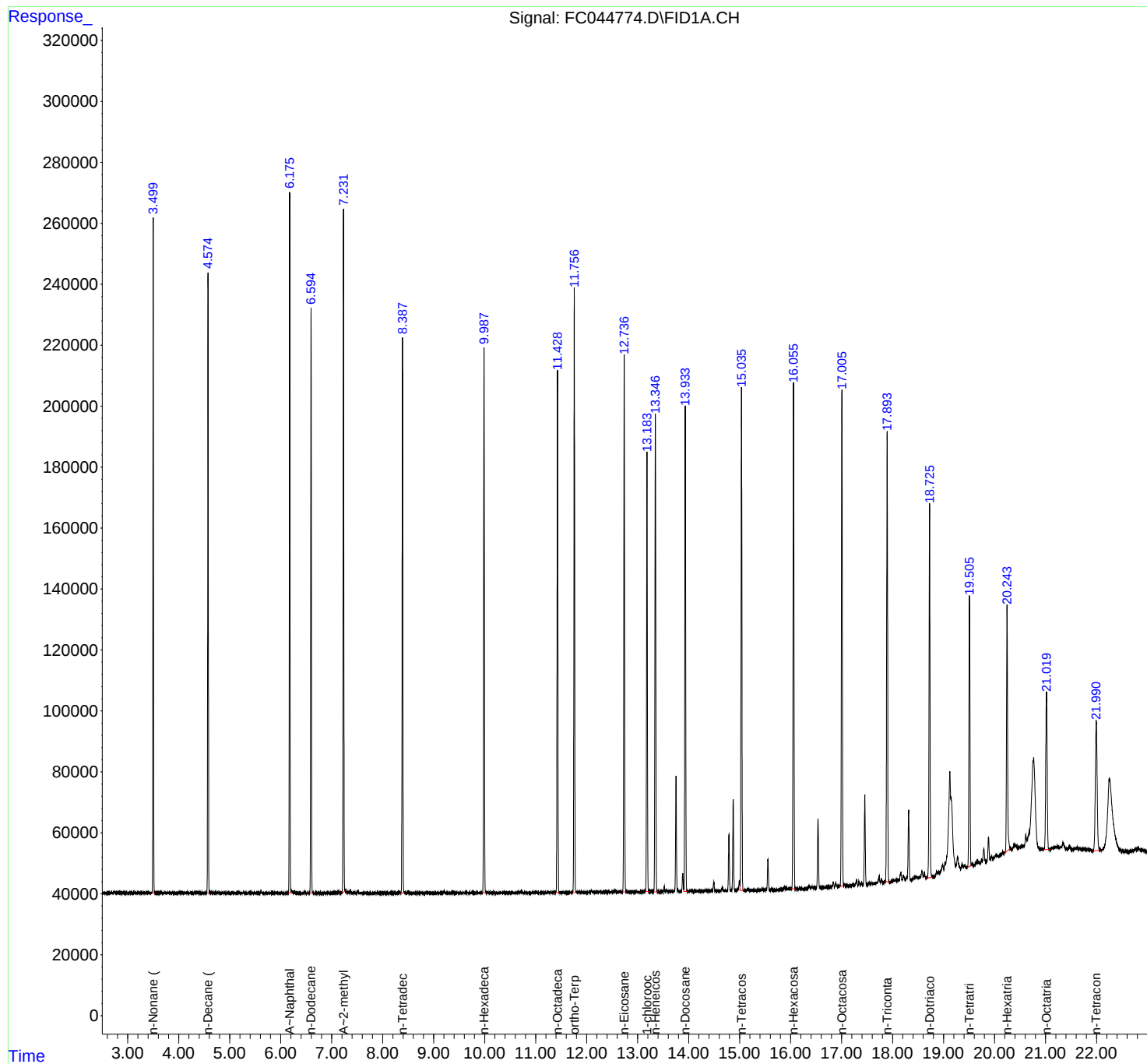
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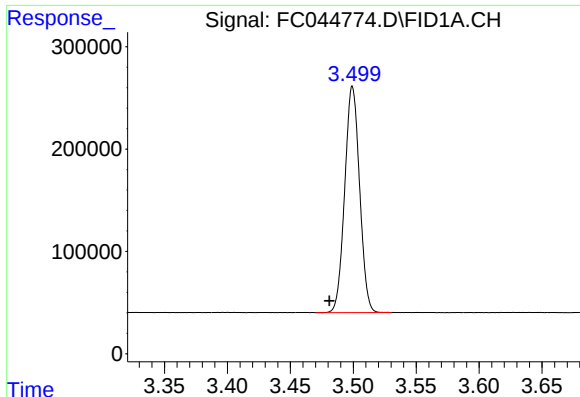
(m)=manual int.

```
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Operator  : DD\AJ  
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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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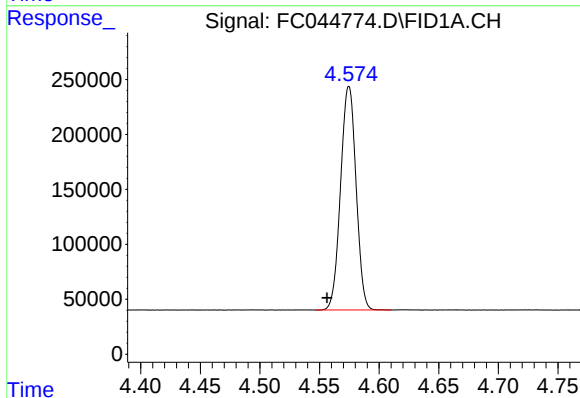
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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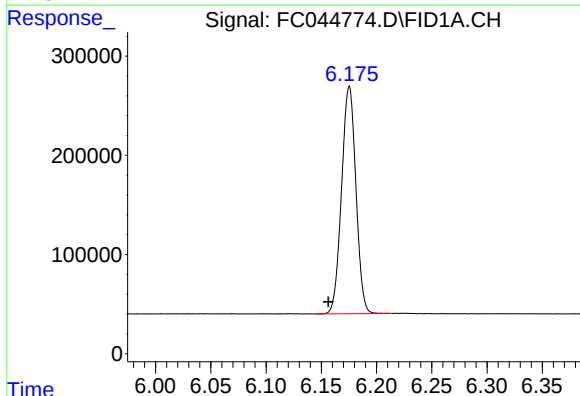
#1 n-Nonane (C9)

R.T.: 3.499 min
Delta R.T.: 0.018 min
Response: 1817777
Conc: 17.88 ug/ml



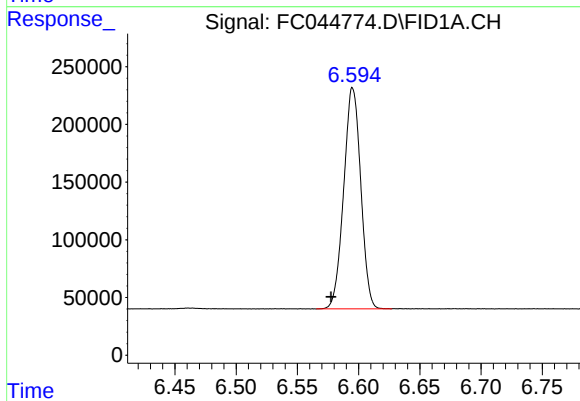
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.018 min
Response: 1840442
Conc: 18.12 ug/ml



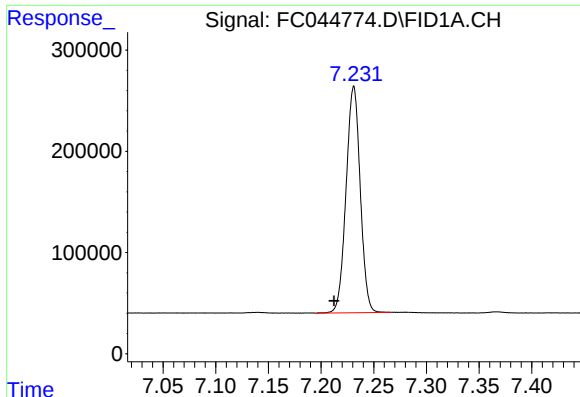
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: 0.019 min
Response: 2072498
Conc: 18.14 ug/ml



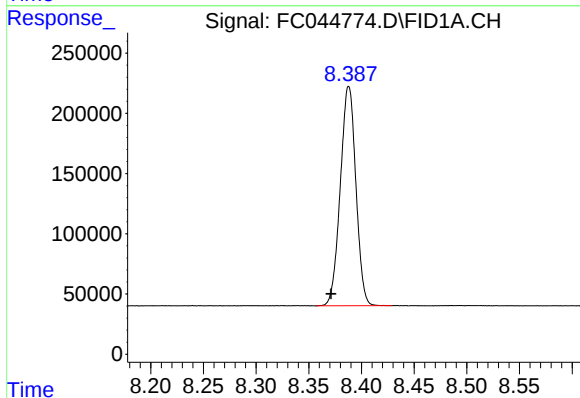
#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: 0.018 min
Response: 1859307
Conc: 18.28 ug/ml



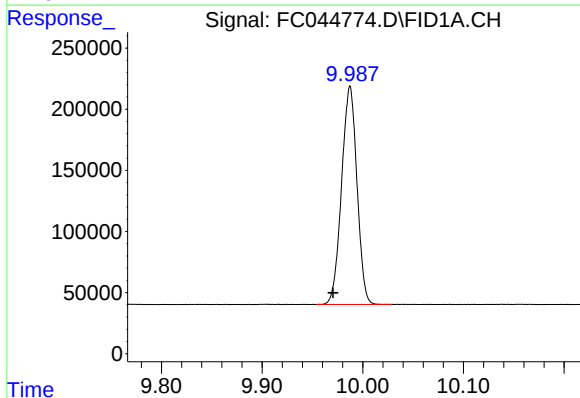
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.231 min
Delta R.T.: 0.019 min
Response: 2092079
Conc: 18.24 ug/ml



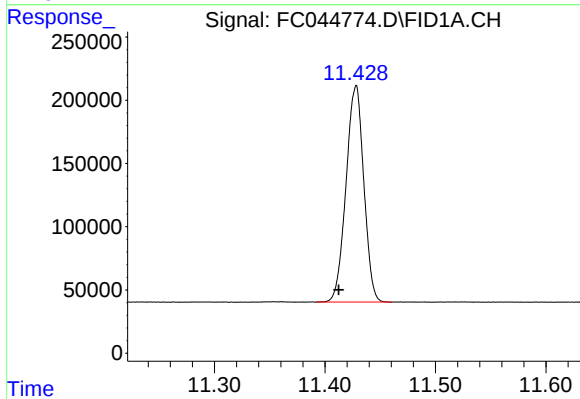
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: 0.017 min
Response: 1875959
Conc: 18.40 ug/ml



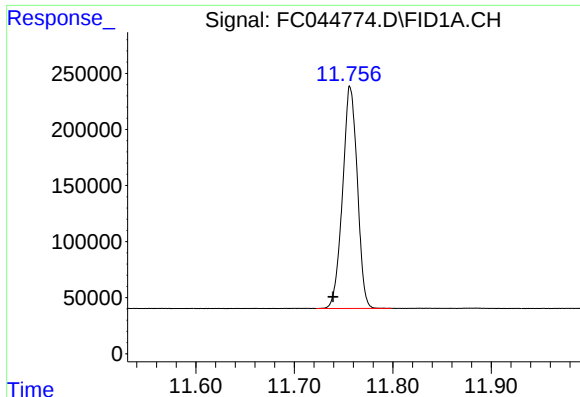
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.017 min
Response: 1899495
Conc: 18.51 ug/ml



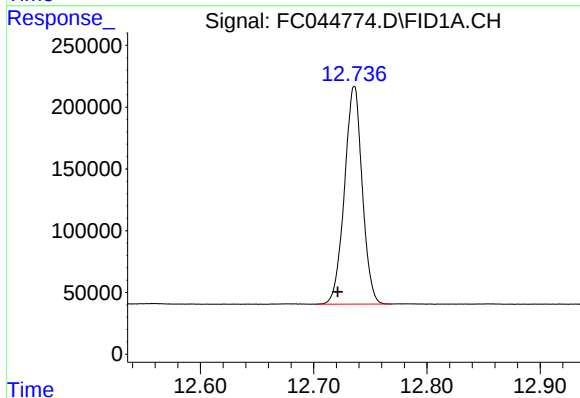
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.016 min
Response: 1913320
Conc: 18.48 ug/ml



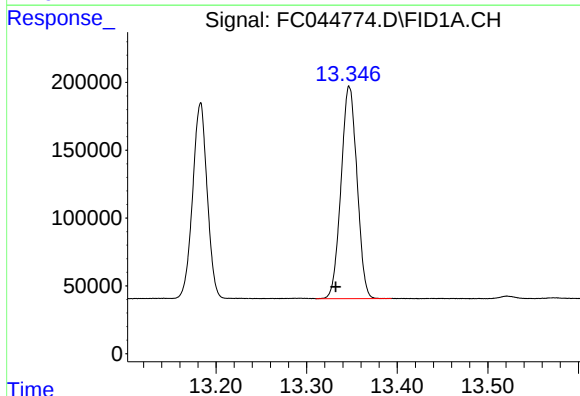
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.018 min
Response: 2060935
Conc: 18.09 ug/ml



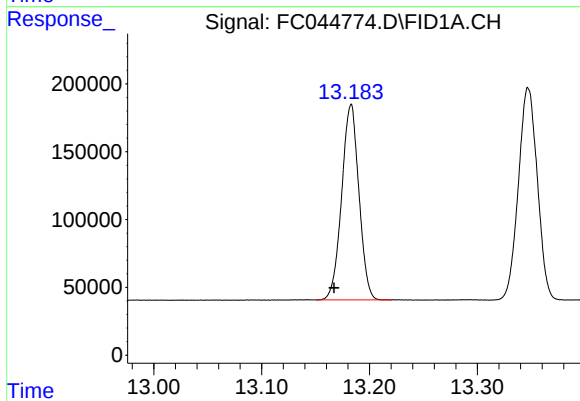
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: 0.014 min
Response: 1922609
Conc: 18.43 ug/ml



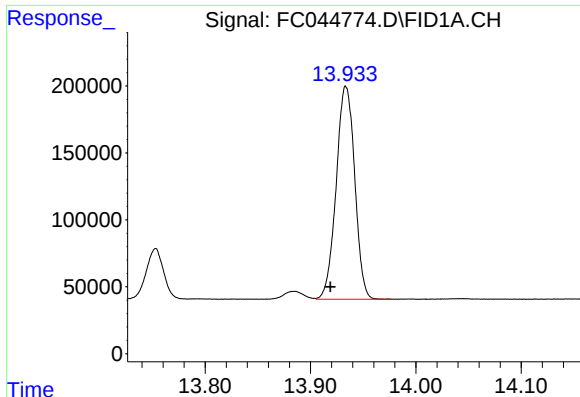
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: 0.015 min
Response: 1914580
Conc: 18.15 ug/ml



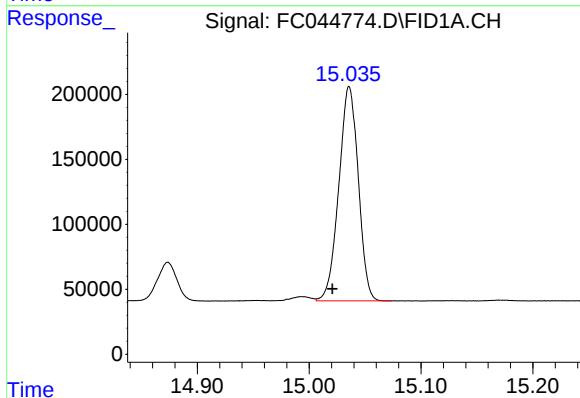
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: 0.016 min
Response: 1602431
Conc: 18.10 ug/ml



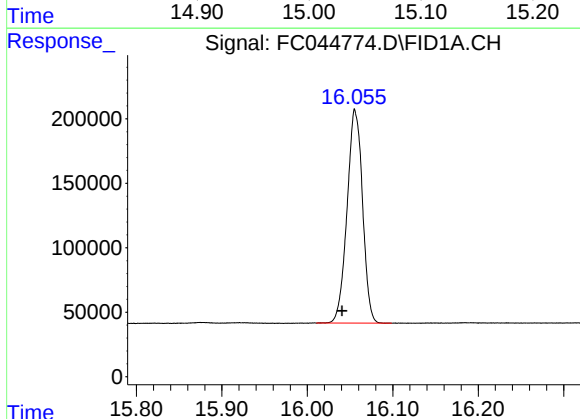
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: 0.015 min
Response: 1947332
Conc: 18.46 ug/ml



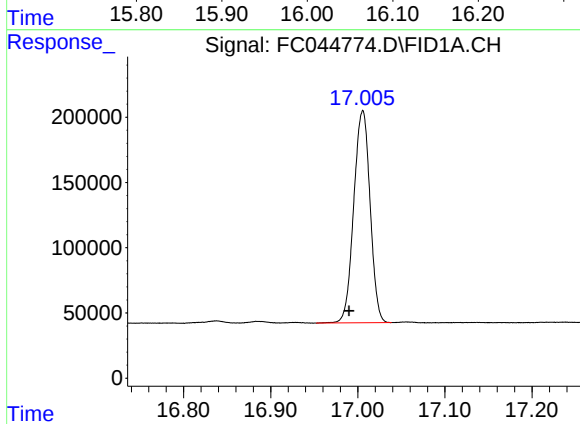
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: 0.015 min
Response: 1998556
Conc: 18.67 ug/ml



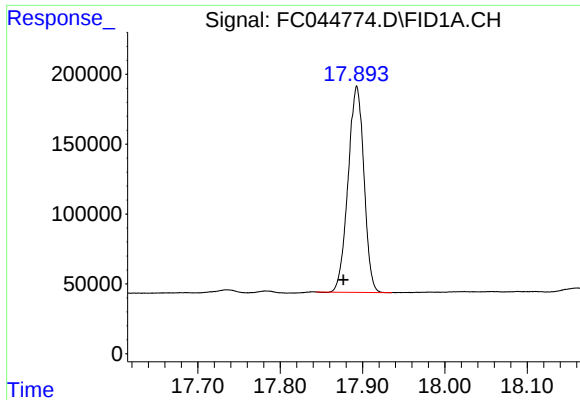
#15 n-Hexacosane (C26)

R.T.: 16.056 min
Delta R.T.: 0.015 min
Response: 2080751
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.006 min
Delta R.T.: 0.016 min
Response: 2115126
Conc: 20.15 ug/ml



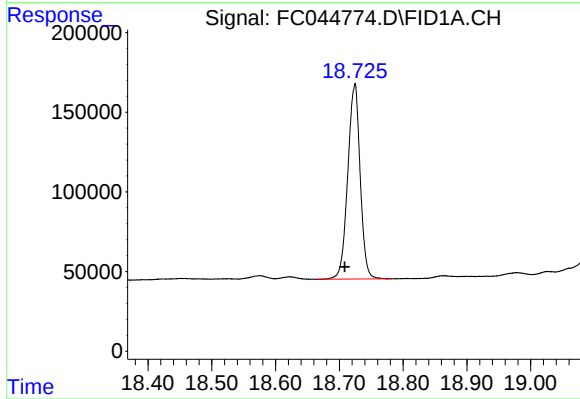
#17 n-Tricontane (C30)

R.T.: 17.893 min

Delta R.T.: 0.016 min

Response: 1975696

Conc: 19.73 ug/ml



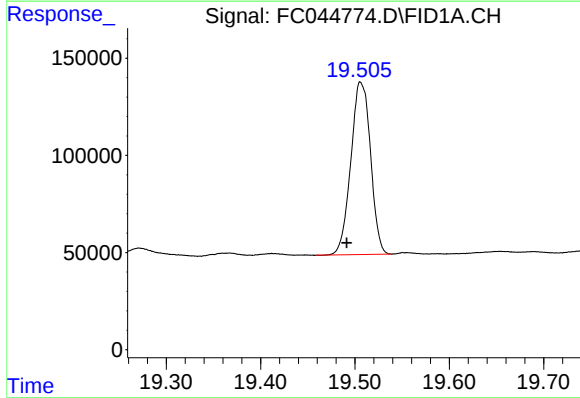
#18 n-Dotriacontane (C32)

R.T.: 18.725 min

Delta R.T.: 0.016 min

Response: 1656920

Conc: 19.90 ug/ml



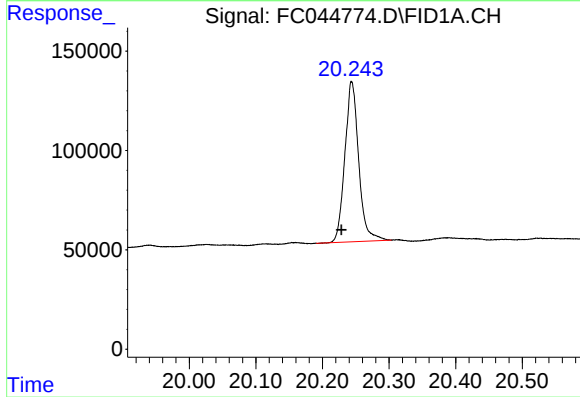
#19 n-Tetratriacontane (C34)

R.T.: 19.506 min

Delta R.T.: 0.015 min

Response: 1287844

Conc: 18.77 ug/ml



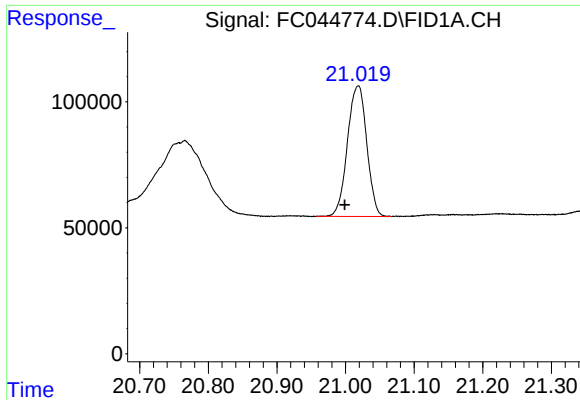
#20 n-Hexatriacontane (C36)

R.T.: 20.244 min

Delta R.T.: 0.016 min

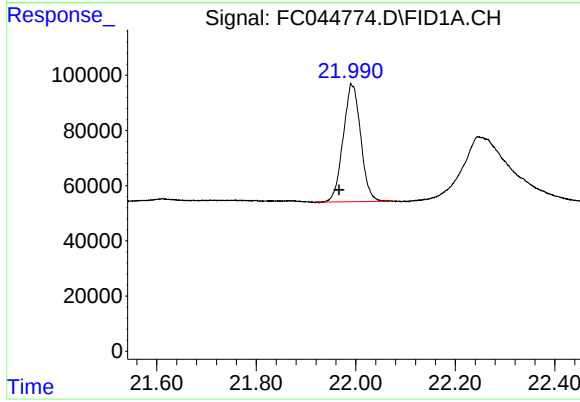
Response: 1164265

Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min
Delta R.T.: 0.020 min
Response: 1013406
Conc: 18.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.024 min
Response: 1042057
Conc: 19.45 ug/ml