

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120921AL\
 Data File : FC057336.D
 Signal(s) : FID1A.CH
 Acq On : 09 Dec 2021 23:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 00:15:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 2021
 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)	11.579	2072946	20.543 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.011	1552720	20.449 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T n-Nonane (C9)	3.343	1963770	20.875 ug/ml
2) T n-Decane (C10)	4.409	1955064	20.888 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2071514	21.079 ug/ml
4) T n-Dodecane (C12)	6.426	1982949	20.756 ug/ml
5) T A~2-methylnaphthalene...	7.056	2034003	20.789 ug/ml
6) T n-Tetradecane (C14)	8.219	1986247	20.677 ug/ml
7) T n-Hexadecane (C16)	9.818	1990954	20.541 ug/ml
8) T n-Octadecane (C18)	11.258	2025708	20.564 ug/ml
10) T n-Eicosane (C20)	12.565	1972480	20.496 ug/ml
11) T n-Heneicosane (C21)	13.177	1956849	20.461 ug/ml
13) T n-Docosane (C22)	13.762	1918911	20.586 ug/ml
14) T n-Tetracosane (C24)	14.862	1880177	20.475 ug/ml
15) T n-Hexacosane (C26)	15.882	1775272	20.537 ug/ml
16) T n-Octacosane (C28)	16.829	1737450	20.376 ug/ml
17) T n-Tricontane (C30)	17.715	1705025	20.396 ug/ml
18) T n-Dotriacontane (C32)	18.544	1665919	20.368 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1668743	20.335 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1619690	20.307 ug/ml
21) T n-Octatriacontane (C38)	20.795	1517899	19.990 ug/ml
22) T n-Tetracontane (C40)	21.697	1443391	19.310 ug/ml

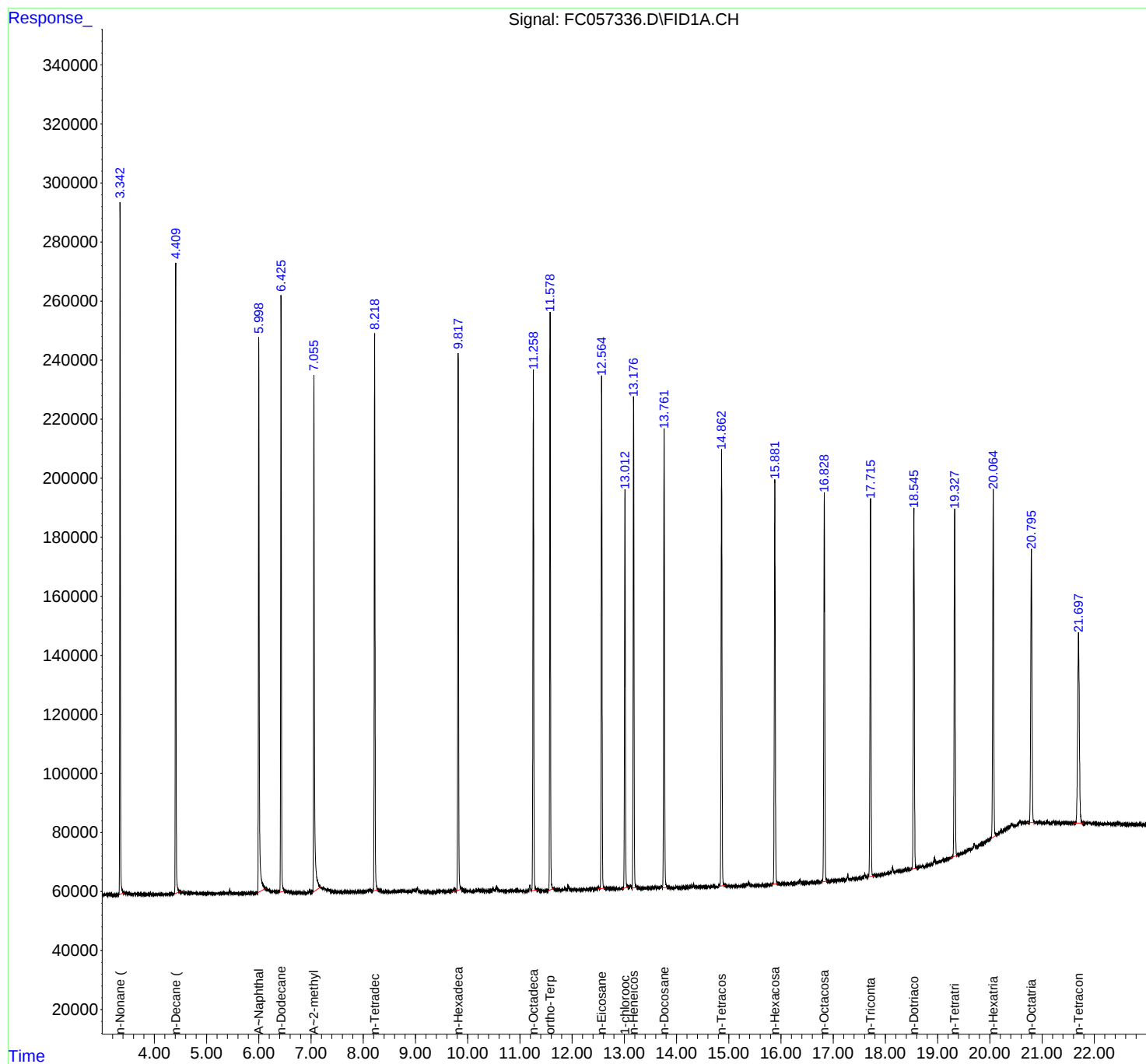
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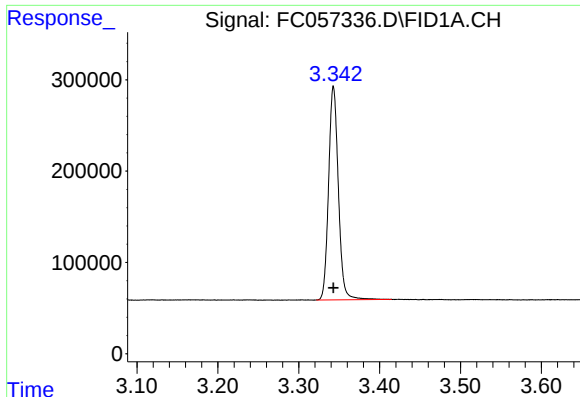
(m)=manual int.

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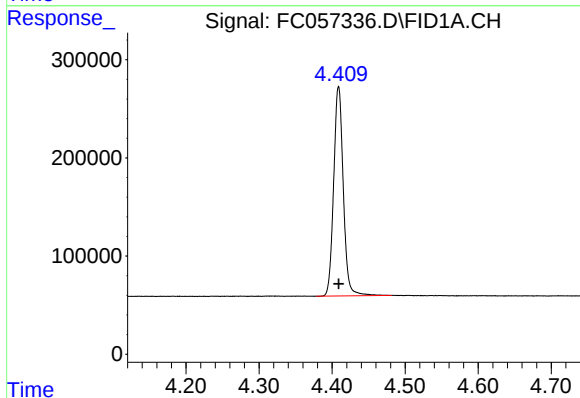
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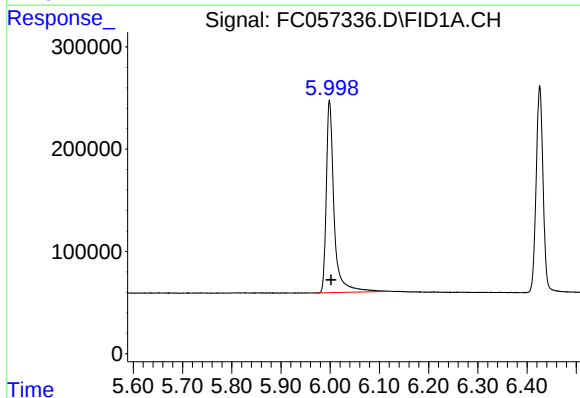
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 1963770
Conc: 20.87 ug/ml



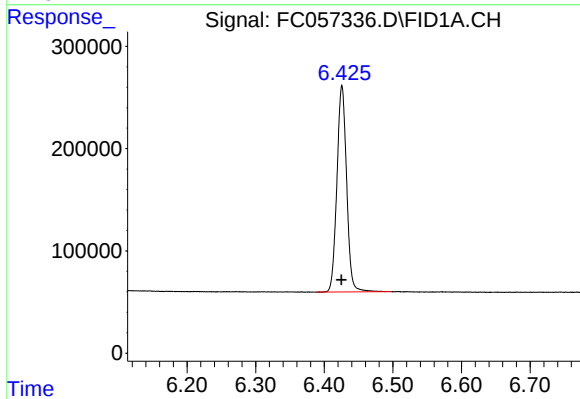
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 1955064
Conc: 20.89 ug/ml



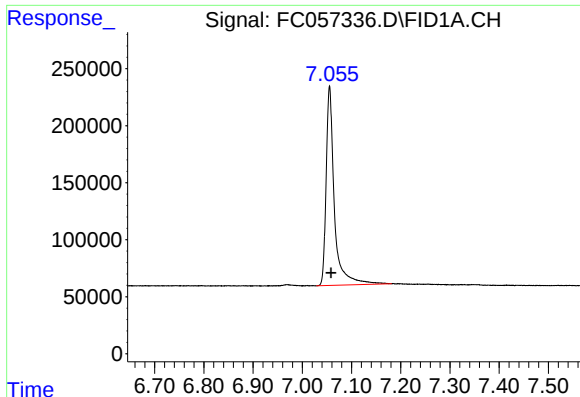
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 2071514
Conc: 21.08 ug/ml



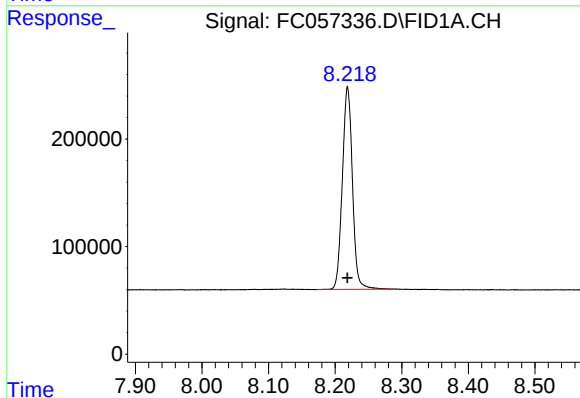
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 1982949
Conc: 20.76 ug/ml



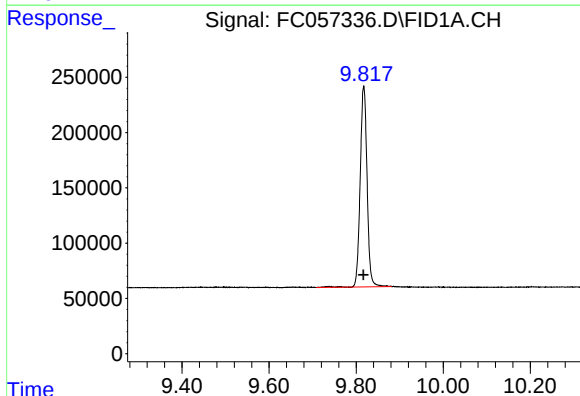
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 2034003
Conc: 20.79 ug/ml



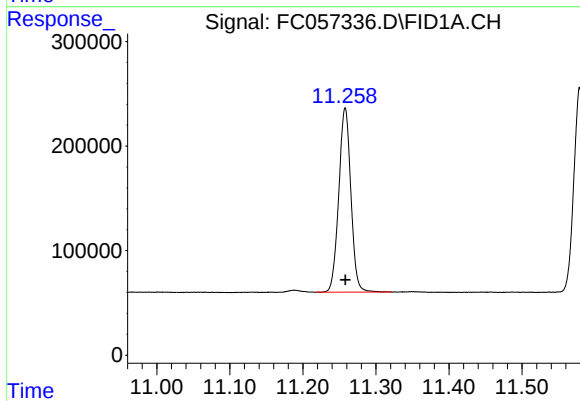
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 1986247
Conc: 20.68 ug/ml



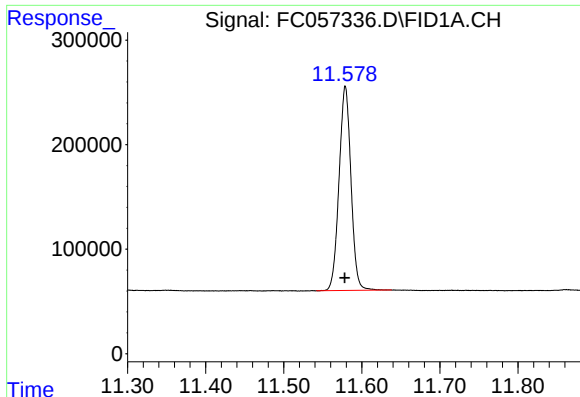
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: 0.000 min
Response: 1990954
Conc: 20.54 ug/ml



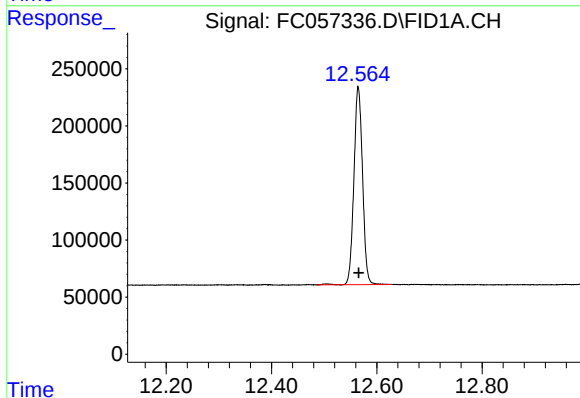
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2025708
Conc: 20.56 ug/ml



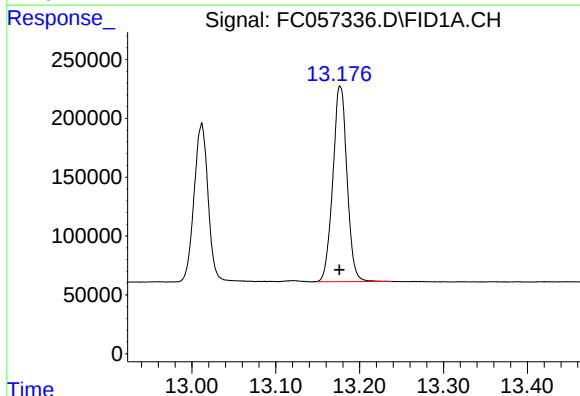
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 2072946
Conc: 20.54 ug/ml



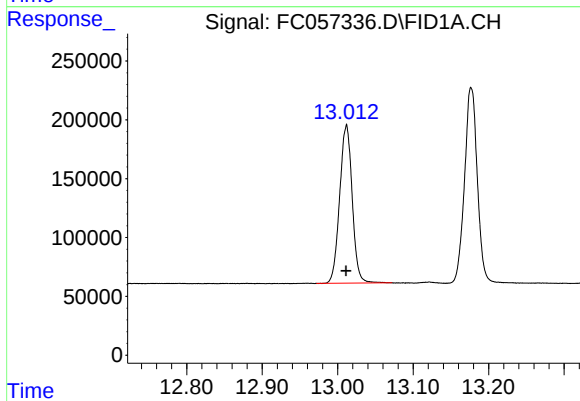
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 1972480
Conc: 20.50 ug/ml



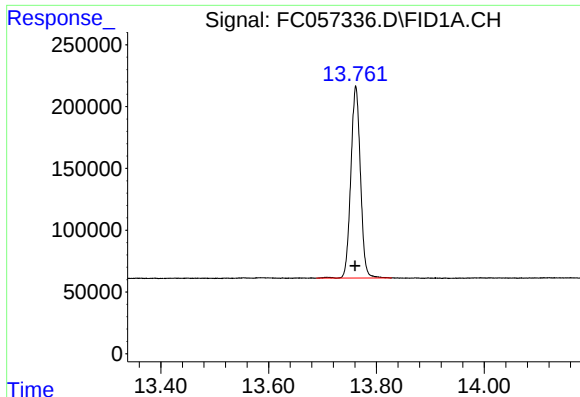
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.001 min
Response: 1956849
Conc: 20.46 ug/ml



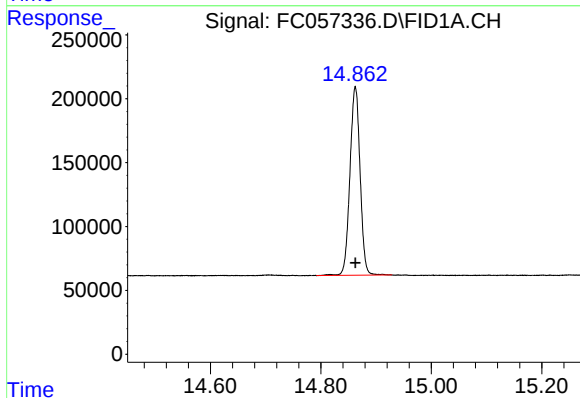
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1552720
Conc: 20.45 ug/ml



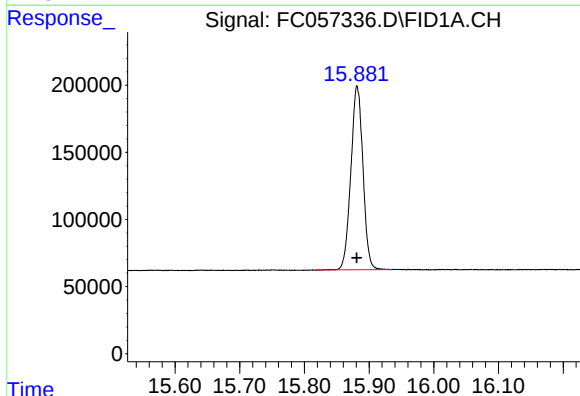
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.001 min
Response: 1918911
Conc: 20.59 ug/ml



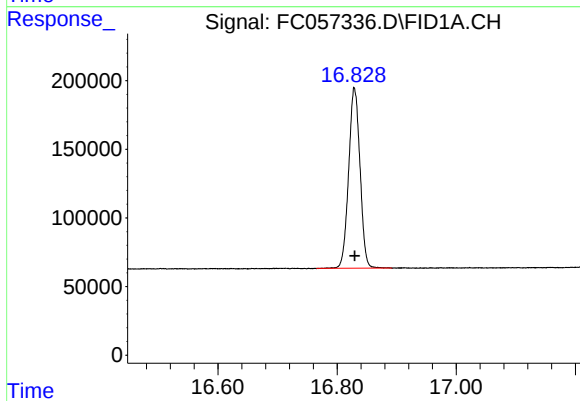
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: 0.000 min
Response: 1880177
Conc: 20.47 ug/ml



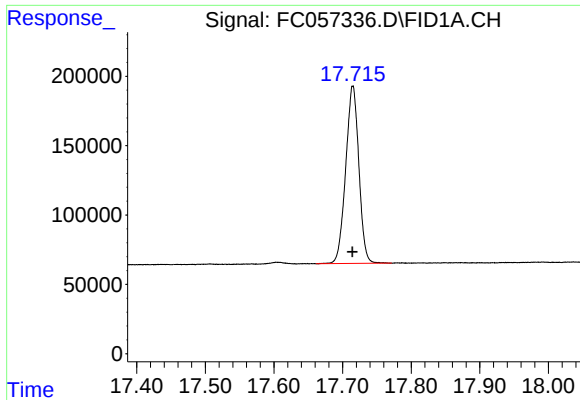
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.000 min
Response: 1775272
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: 0.000 min
Response: 1737450
Conc: 20.38 ug/ml



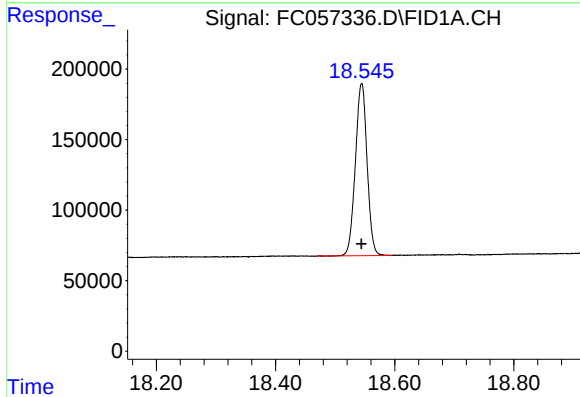
#17 n-Tricontane (C30)

R.T.: 17.715 min

Delta R.T.: 0.000 min

Response: 1705025

Conc: 20.40 ug/ml



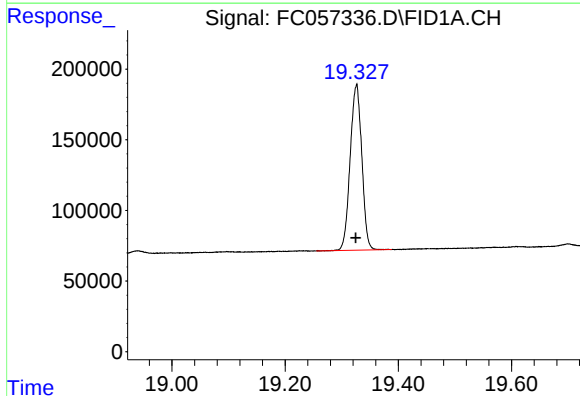
#18 n-Dotriacontane (C32)

R.T.: 18.544 min

Delta R.T.: 0.000 min

Response: 1665919

Conc: 20.37 ug/ml



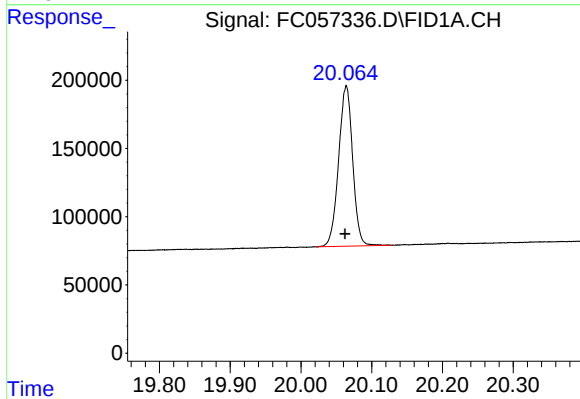
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min

Delta R.T.: 0.000 min

Response: 1668743

Conc: 20.33 ug/ml



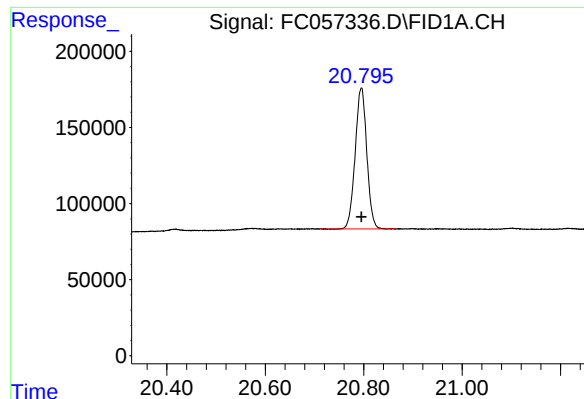
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min

Delta R.T.: 0.002 min

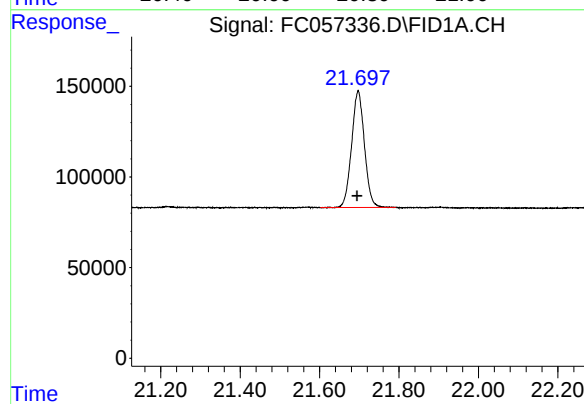
Response: 1619690

Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: 0.000 min
Response: 1517899
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: 0.003 min
Response: 1443391
Conc: 19.31 ug/ml