

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112921AL\
 Data File : FC057115.D
 Signal(s) : FID1A.CH
 Acq On : 29 Nov 2021 21:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 30 00:03:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.595	2200971	18.966 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
12) S 1-chlorooctadecane (S...	13.027	1704437	18.722 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.355	2020212	19.937 ug/ml
2) T n-Decane (C10)	4.423	2030456	20.276 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2248433	20.136 ug/ml
4) T n-Dodecane (C12)	6.441	2070128	20.417 ug/ml
5) T A~2-methylnaphthalene...	7.070	2251588	20.421 ug/ml
6) T n-Tetradecane (C14)	8.235	2079925	20.528 ug/ml
7) T n-Hexadecane (C16)	9.835	2070596	20.178 ug/ml
8) T n-Octadecane (C18)	11.275	2115706	19.747 ug/ml
10) T n-Eicosane (C20)	12.583	2056479	19.227 ug/ml
11) T n-Heneicosane (C21)	13.193	2043628	18.871 ug/ml
13) T n-Docosane (C22)	13.778	1990557	18.580 ug/ml
14) T n-Tetracosane (C24)	14.878	1929275	17.821 ug/ml
15) T n-Hexacosane (C26)	15.895	1831844	17.198 ug/ml
16) T n-Octacosane (C28)	16.842	1771819	16.611 ug/ml
17) T n-Tricontane (C30)	17.727	1724793	16.182 ug/ml
18) T n-Dotriacontane (C32)	18.556	1684587	15.971 ug/mlm
19) T n-Tetratriacontane (C34)	19.336	1730742	16.660 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	1746571	17.292 ug/mlm
21) T n-Octatriacontane (C38)	20.804	1817784	19.802 ug/mlm
22) T n-Tetracontane (C40)	21.714	1917015	21.280 ug/mlm

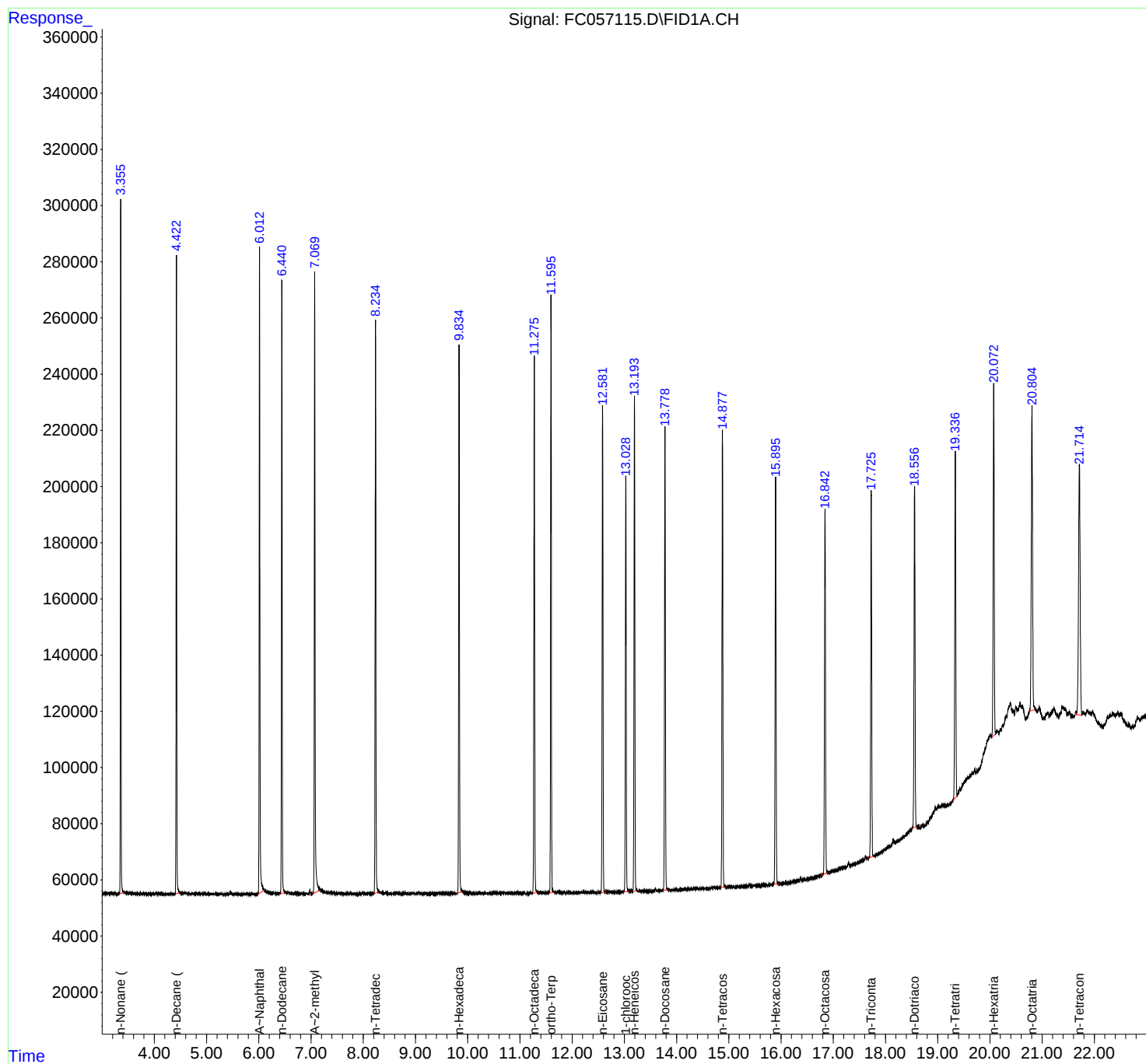
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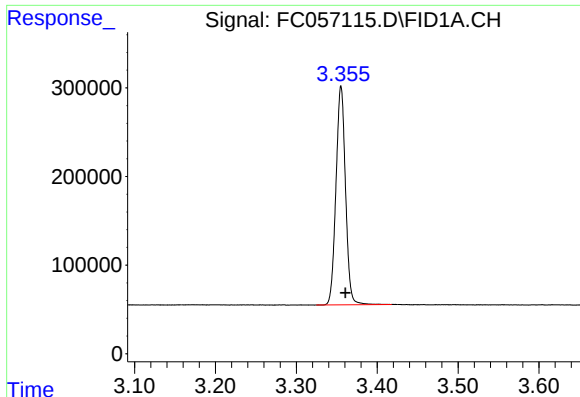
(m)=manual int.

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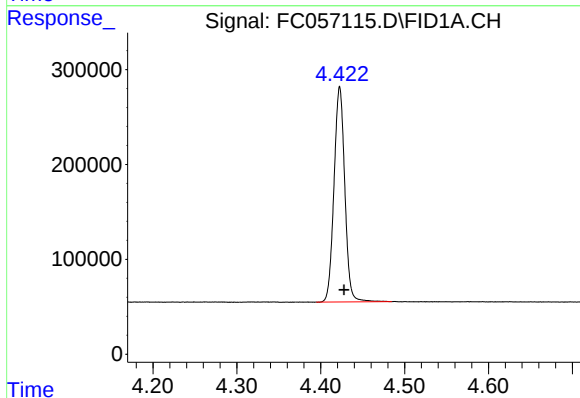
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Signal Info : 20M x 0.18mm x 0.18um





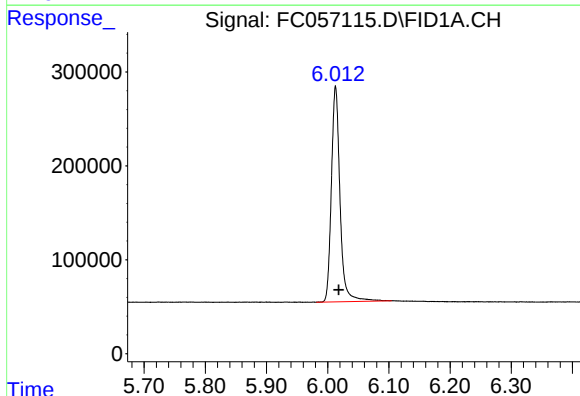
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.006 min
Response: 2020212
Conc: 19.94 ug/ml



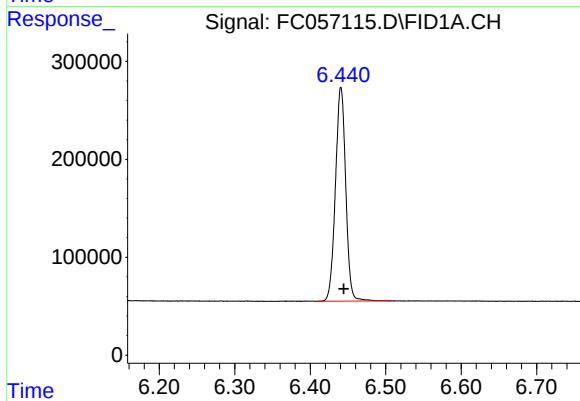
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.005 min
Response: 2030456
Conc: 20.28 ug/ml



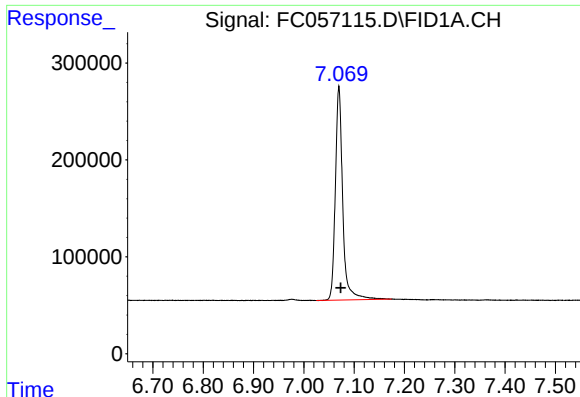
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2248433
Conc: 20.14 ug/ml



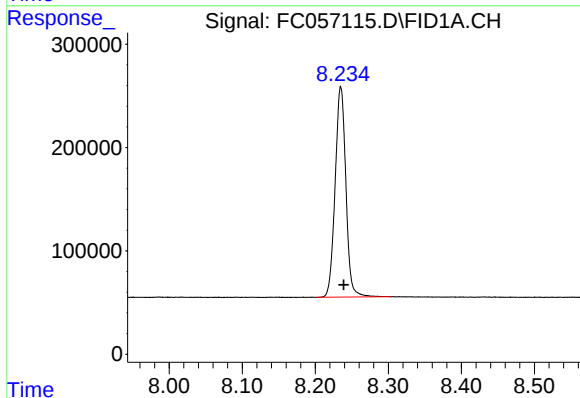
#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: -0.004 min
Response: 2070128
Conc: 20.42 ug/ml



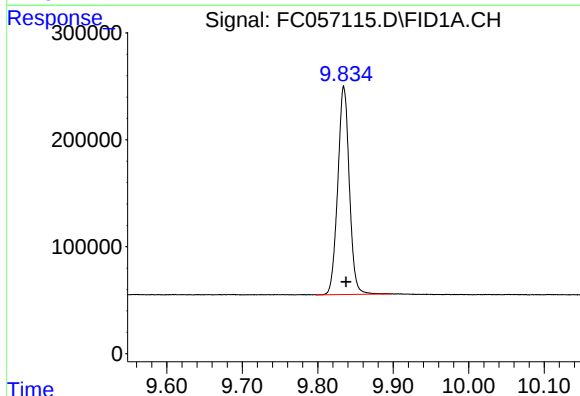
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2251588
Conc: 20.42 ug/ml



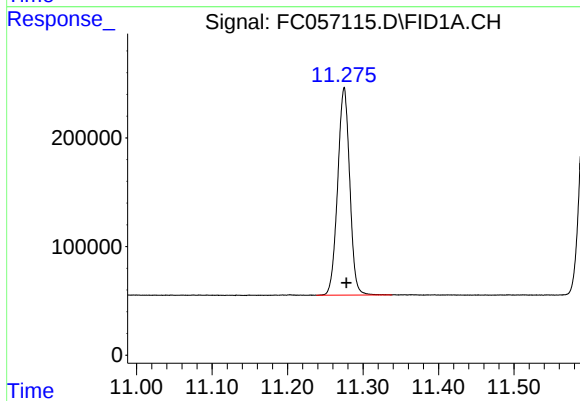
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2079925
Conc: 20.53 ug/ml



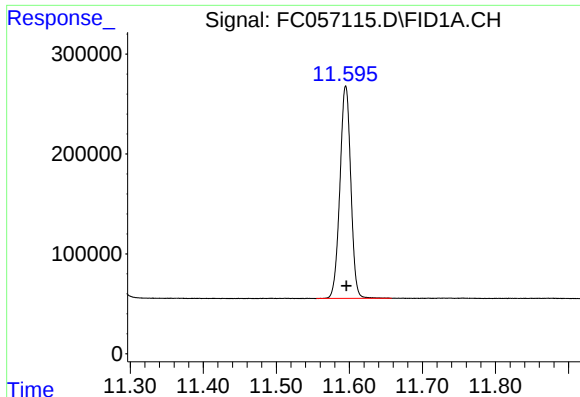
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.003 min
Response: 2070596
Conc: 20.18 ug/ml



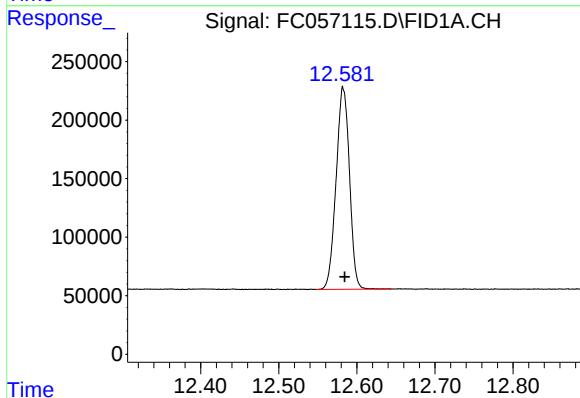
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2115706
Conc: 19.75 ug/ml



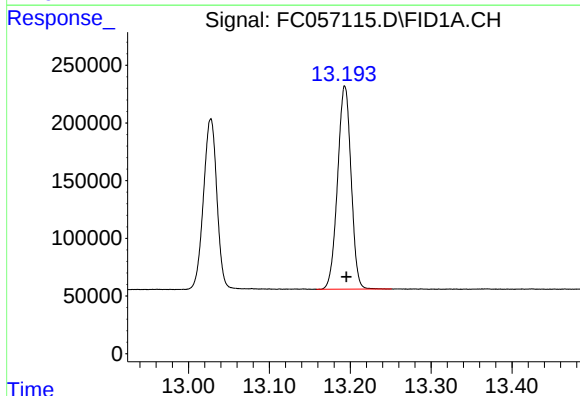
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2200971
Conc: 18.97 ug/ml



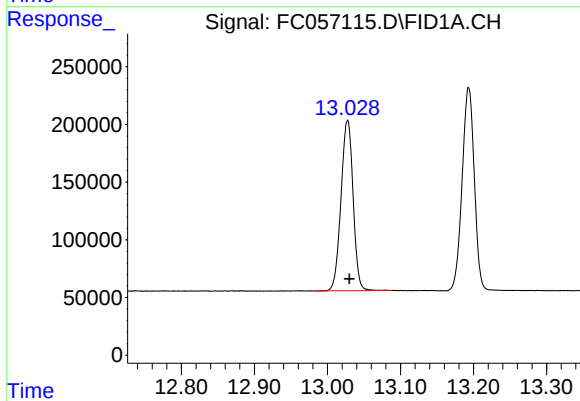
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 2056479
Conc: 19.23 ug/ml



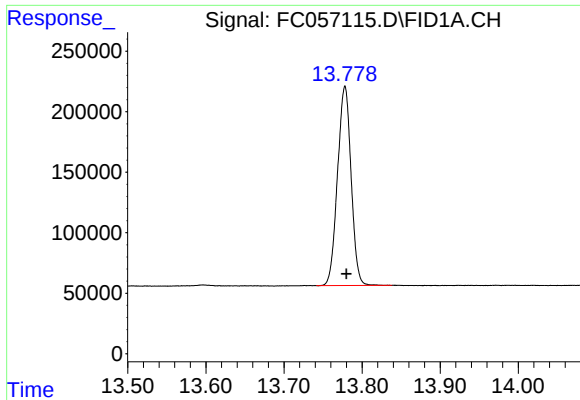
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.002 min
Response: 2043628
Conc: 18.87 ug/ml



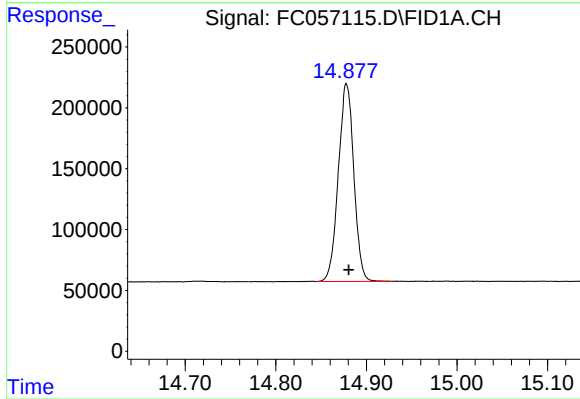
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.002 min
Response: 1704437
Conc: 18.72 ug/ml



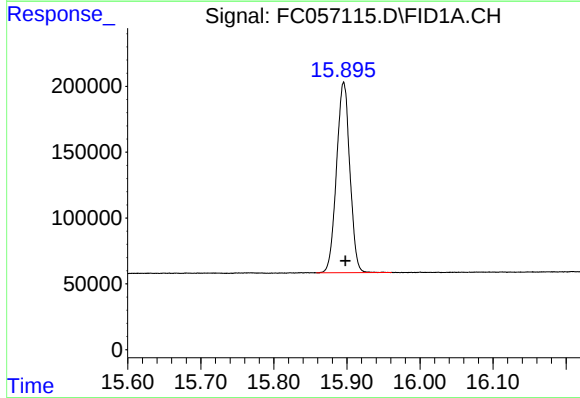
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 1990557
Conc: 18.58 ug/ml



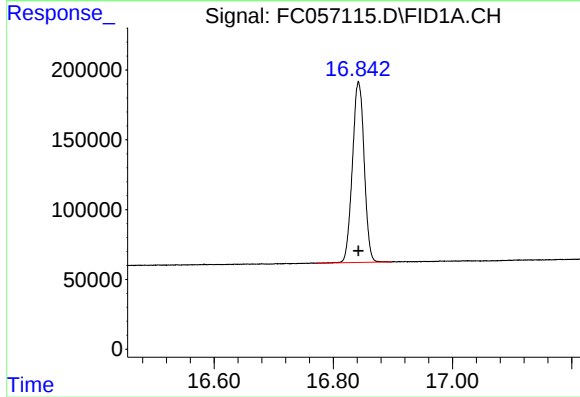
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 1929275
Conc: 17.82 ug/ml



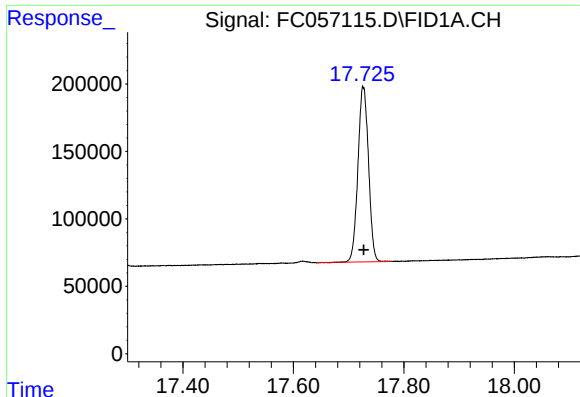
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.002 min
Response: 1831844
Conc: 17.20 ug/ml



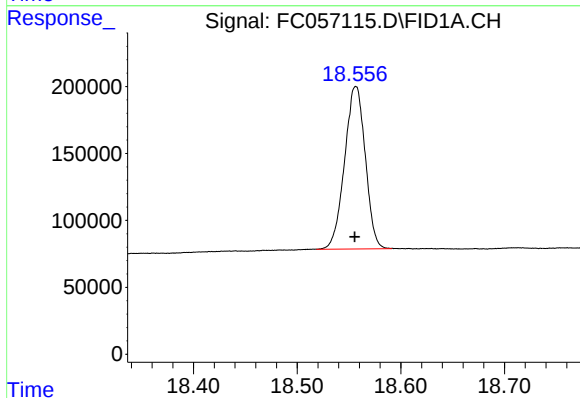
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: 0.000 min
Response: 1771819
Conc: 16.61 ug/ml



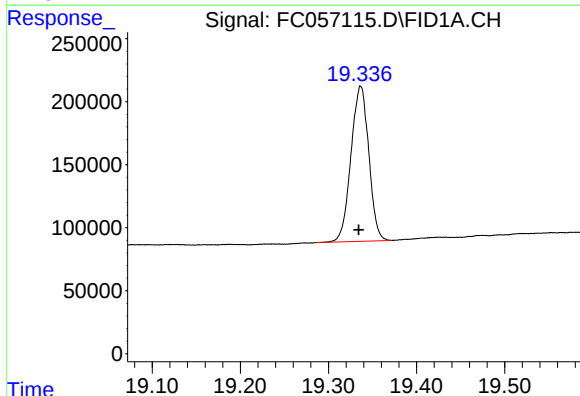
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 1724793
Conc: 16.18 ug/ml



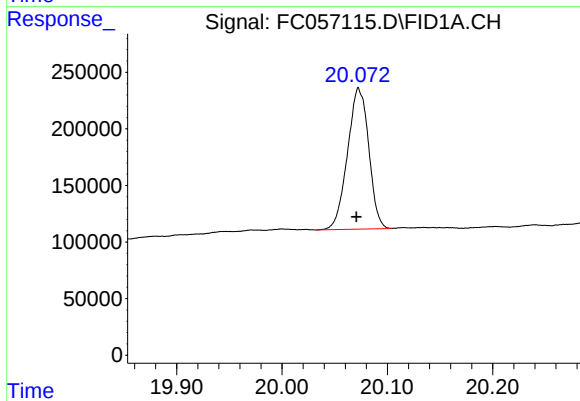
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 1684587
Conc: 15.97 ug/ml m



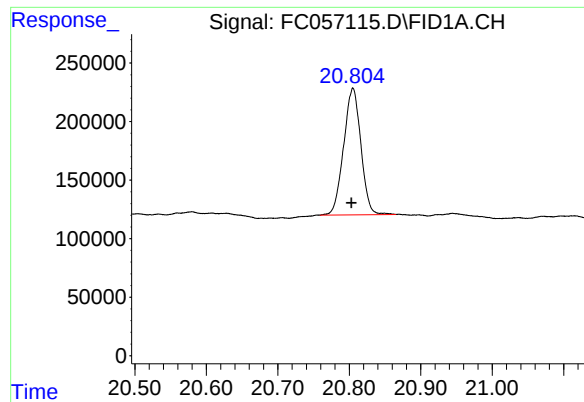
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.001 min
Response: 1730742
Conc: 16.66 ug/ml m



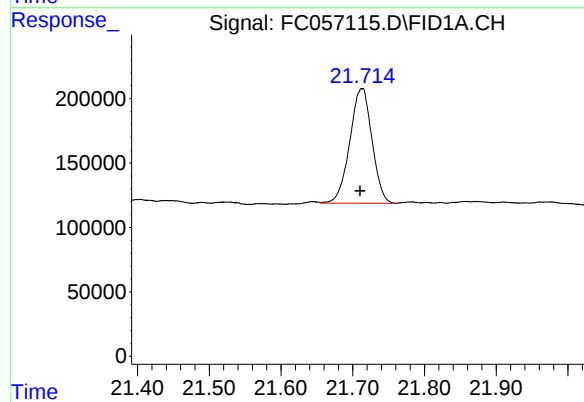
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.002 min
Response: 1746571
Conc: 17.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.002 min
Response: 1817784
Conc: 19.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.004 min
Response: 1917015
Conc: 21.28 ug/ml m