

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121221AL\
 Data File : FC057425.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2021 13:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 00:50:18 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)	11.562	2096221	20.774 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
12) S 1-chlorooctadecane (S...	12.992	1542736	20.317 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.335	1727529	18.363 ug/ml
2) T n-Decane (C10)	4.399	1954928	20.886 ug/ml
3) T A~Naphthalene (C11.7)	5.990	1956557	19.909 ug/ml
4) T n-Dodecane (C12)	6.412	1968228	20.602 ug/ml
5) T A~2-methylnaphthalene...	7.045	1925543	19.680 ug/ml
6) T n-Tetradecane (C14)	8.203	1968412	20.491 ug/ml
7) T n-Hexadecane (C16)	9.801	1980986	20.438 ug/ml
8) T n-Octadecane (C18)	11.240	2020047	20.507 ug/ml
10) T n-Eicosane (C20)	12.546	1974182	20.513 ug/ml
11) T n-Heneicosane (C21)	13.157	1964045	20.537 ug/ml
13) T n-Docosane (C22)	13.741	1937182	20.782 ug/ml
14) T n-Tetracosane (C24)	14.841	1908155	20.780 ug/ml
15) T n-Hexacosane (C26)	15.859	1814265	20.988 ug/ml
16) T n-Octacosane (C28)	16.806	1782931	20.909 ug/ml
17) T n-Tricontane (C30)	17.690	1750161	20.936 ug/ml
18) T n-Dotriacontane (C32)	18.520	1688602	20.646 ug/ml
19) T n-Tetratriacontane (C34)	19.301	1632567	19.894 ug/ml
20) T n-Hexatriacontane (C36)	20.037	812887	10.192 ug/ml
21) T n-Octatriacontane (C38)	20.766	1383119	18.215 ug/ml
22) T n-Tetracontane (C40)	21.661	1178018	15.760 ug/ml

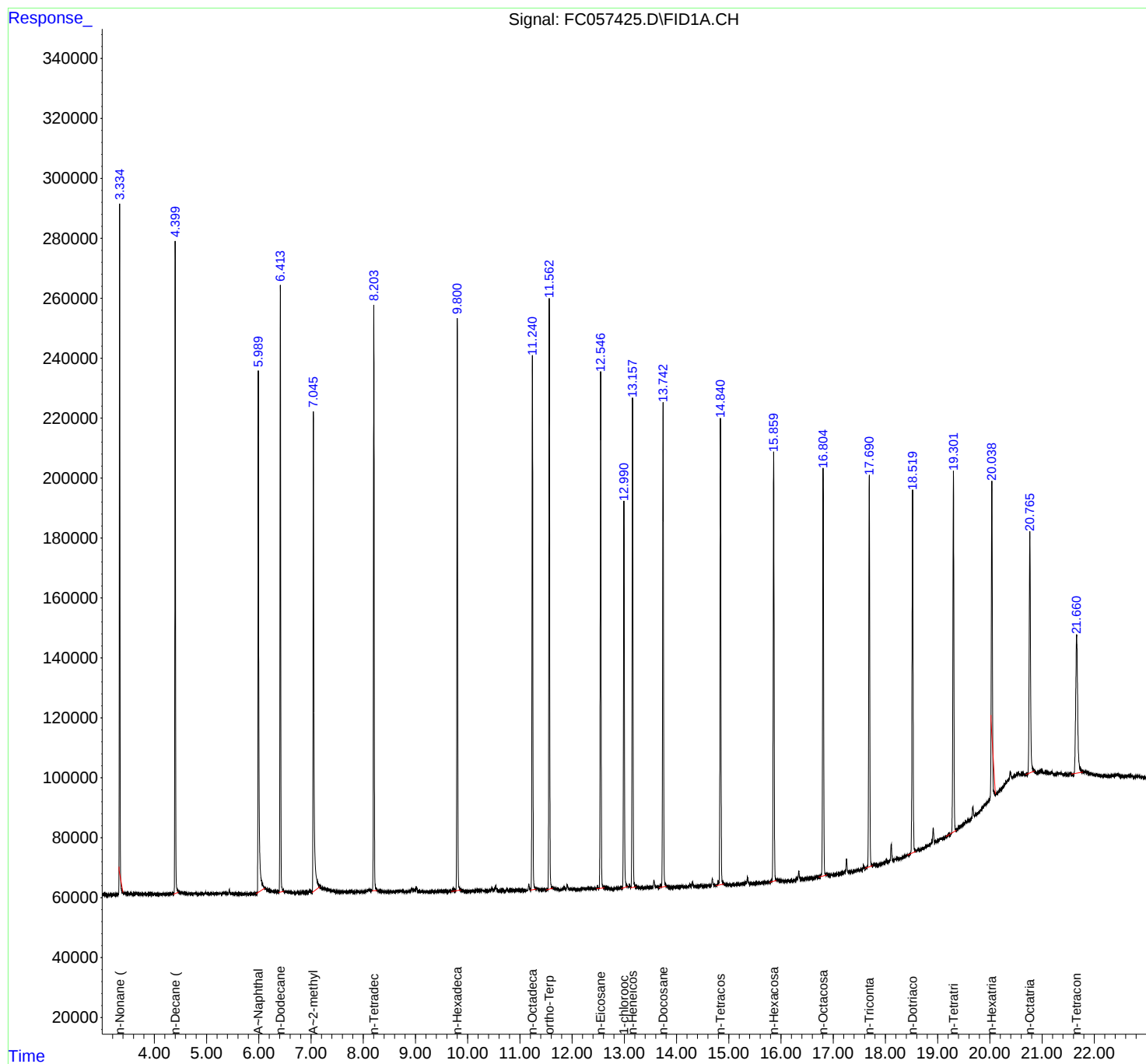
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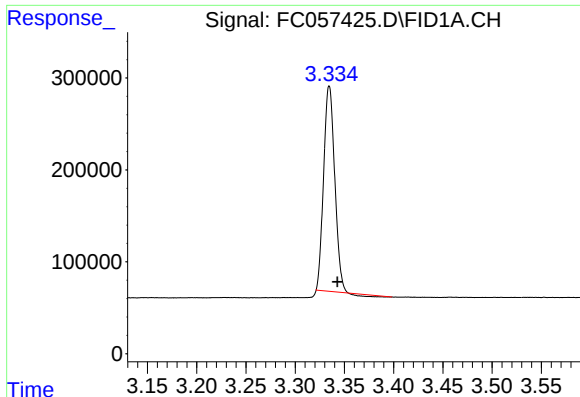
(m)=manual int.

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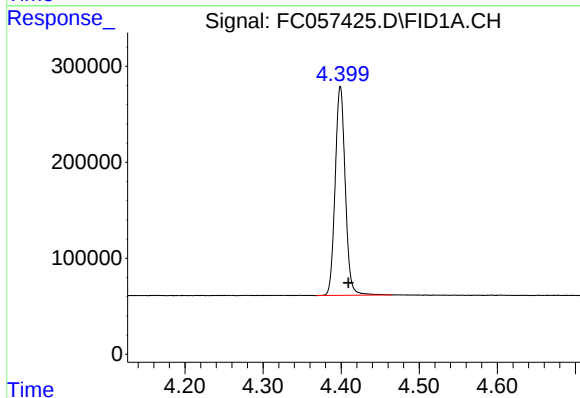
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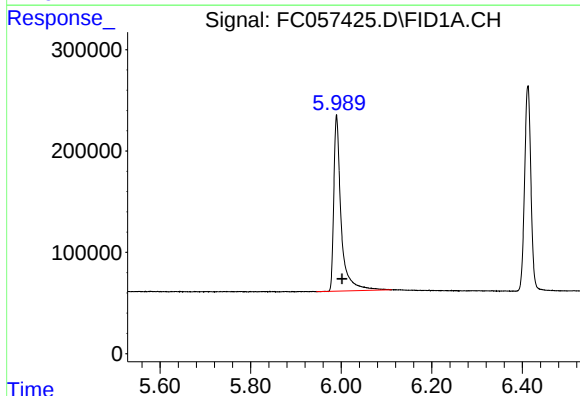
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.008 min
Response: 1727529
Conc: 18.36 ug/ml



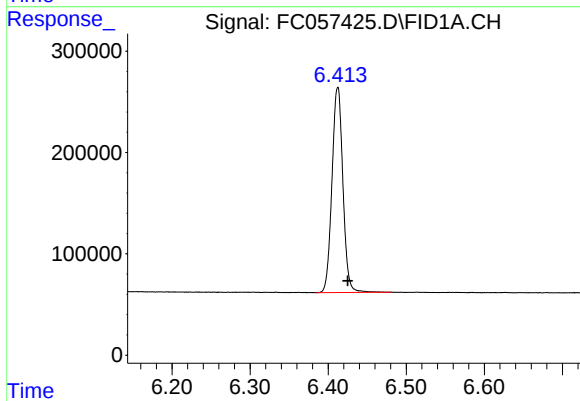
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.010 min
Response: 1954928
Conc: 20.89 ug/ml



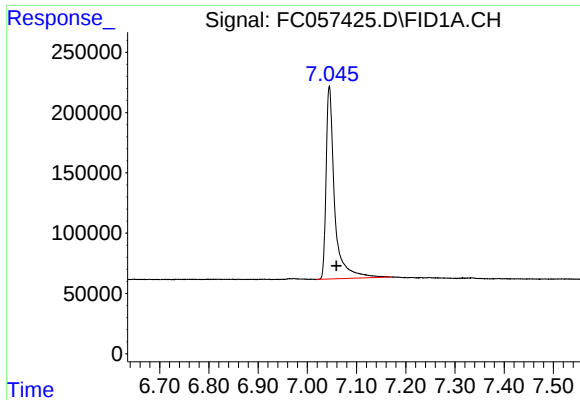
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.012 min
Response: 1956557
Conc: 19.91 ug/ml



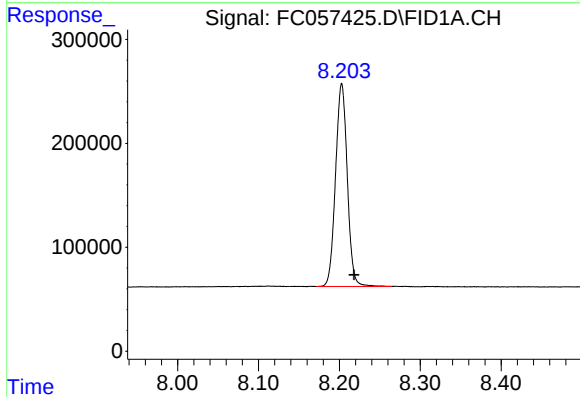
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.013 min
Response: 1968228
Conc: 20.60 ug/ml



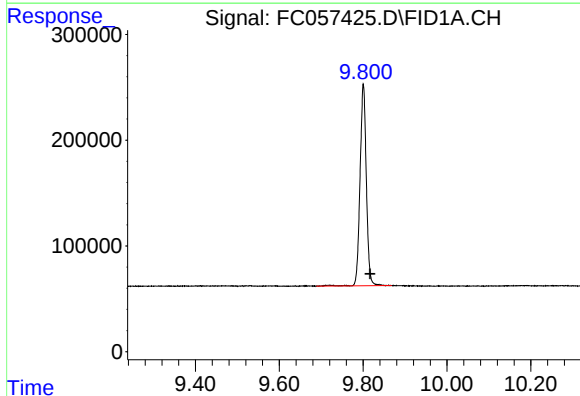
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.014 min
Response: 1925543
Conc: 19.68 ug/ml



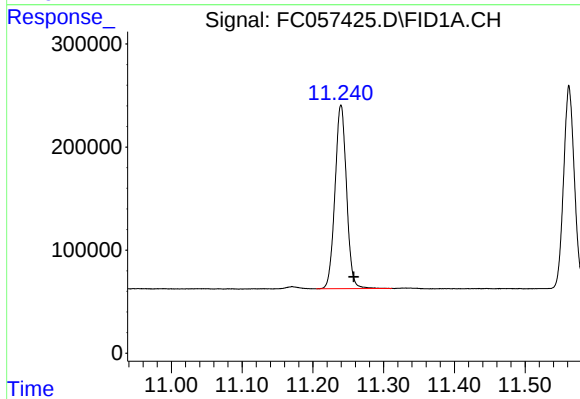
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: -0.015 min
Response: 1968412
Conc: 20.49 ug/ml



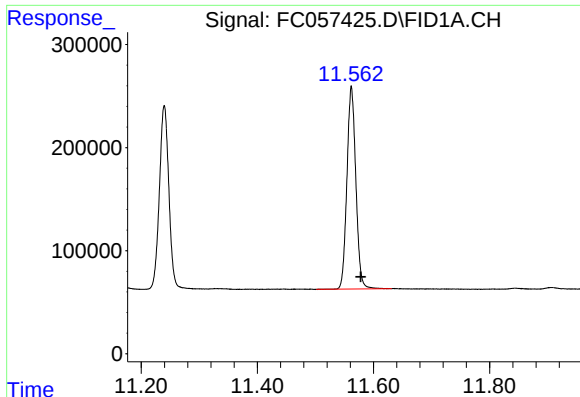
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.016 min
Response: 1980986
Conc: 20.44 ug/ml



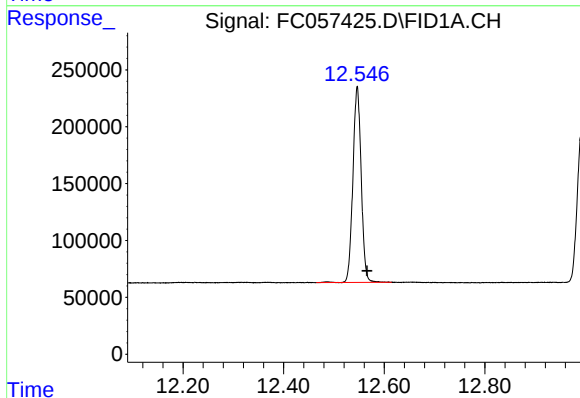
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.018 min
Response: 2020047
Conc: 20.51 ug/ml



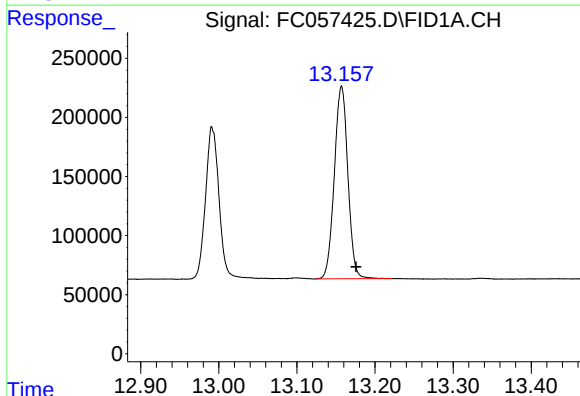
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.016 min
Response: 2096221
Conc: 20.77 ug/ml



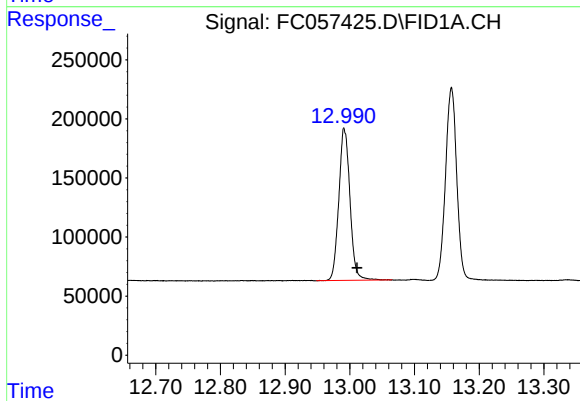
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.019 min
Response: 1974182
Conc: 20.51 ug/ml



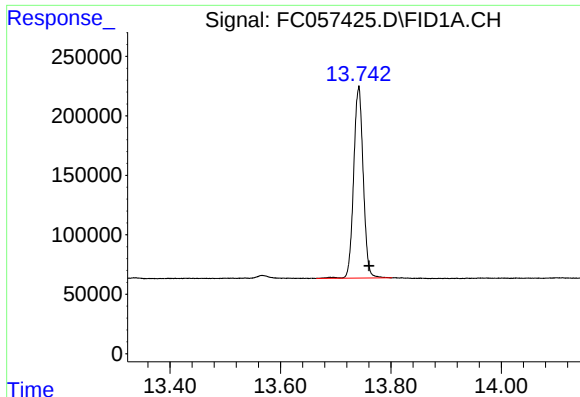
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.019 min
Response: 1964045
Conc: 20.54 ug/ml



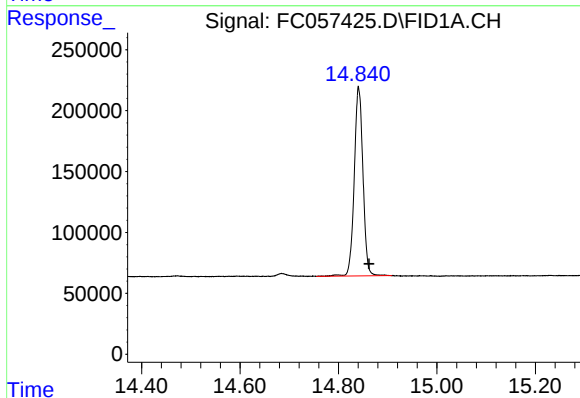
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.019 min
Response: 1542736
Conc: 20.32 ug/ml



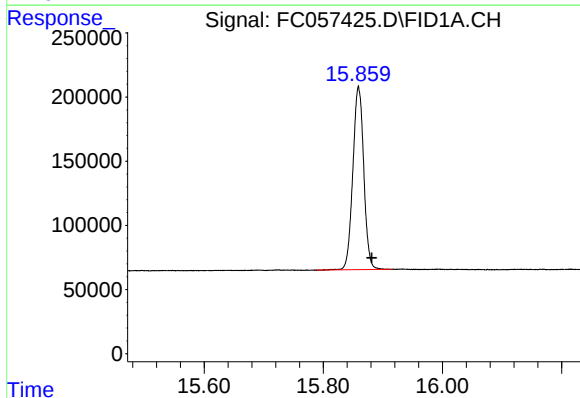
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.019 min
Response: 1937182
Conc: 20.78 ug/ml



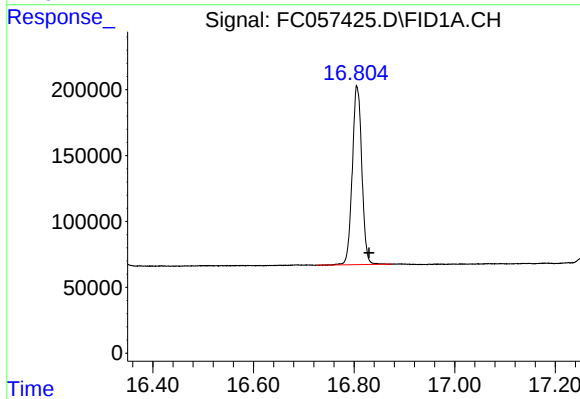
#14 n-Tetracosane (C24)

R.T.: 14.841 min
Delta R.T.: -0.021 min
Response: 1908155
Conc: 20.78 ug/ml



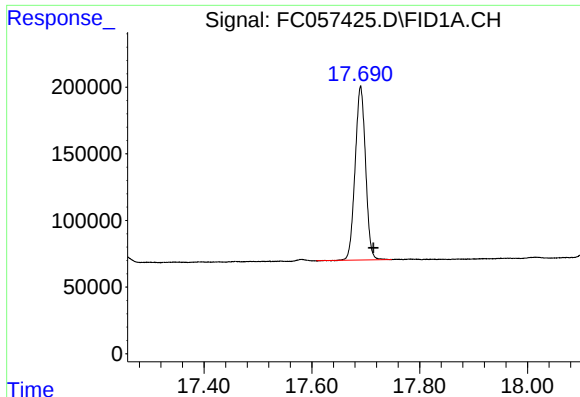
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.022 min
Response: 1814265
Conc: 20.99 ug/ml



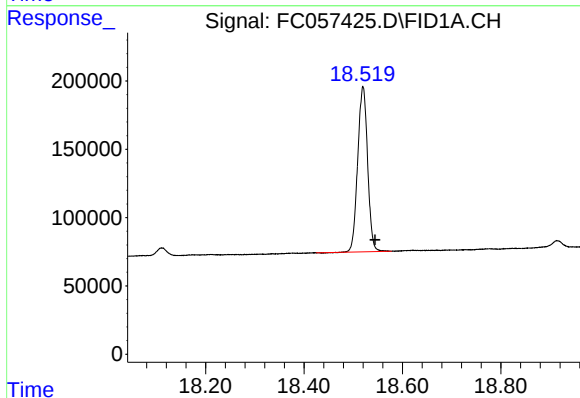
#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: -0.023 min
Response: 1782931
Conc: 20.91 ug/ml



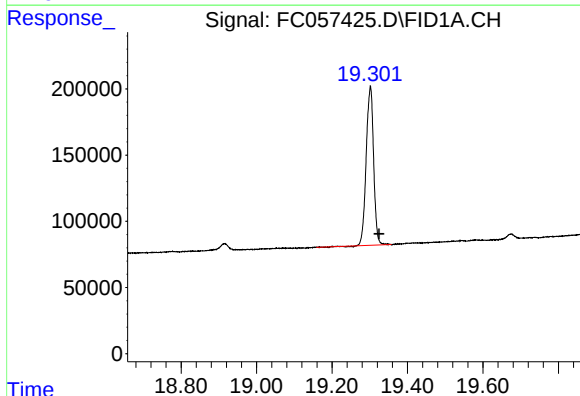
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.024 min
Response: 1750161
Conc: 20.94 ug/ml



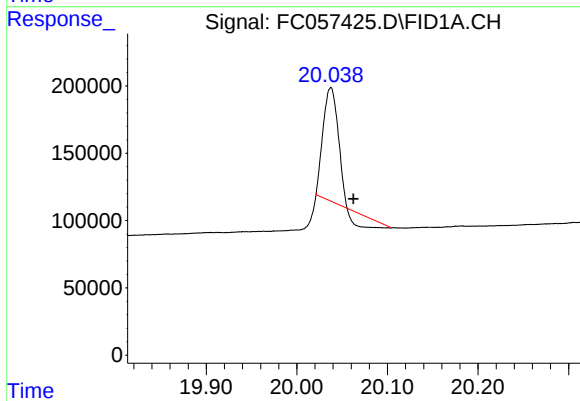
#18 n-Dotriacontane (C32)

R.T.: 18.520 min
Delta R.T.: -0.024 min
Response: 1688602
Conc: 20.65 ug/ml



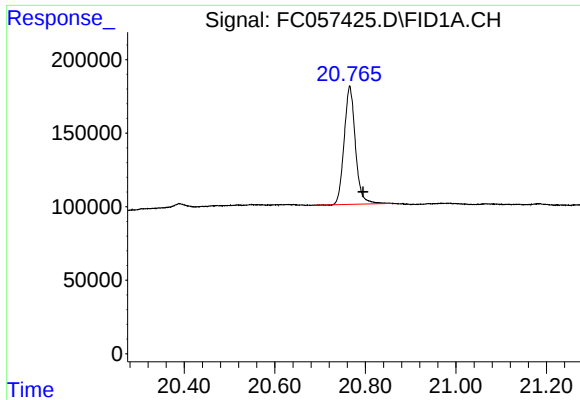
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.023 min
Response: 1632567
Conc: 19.89 ug/ml



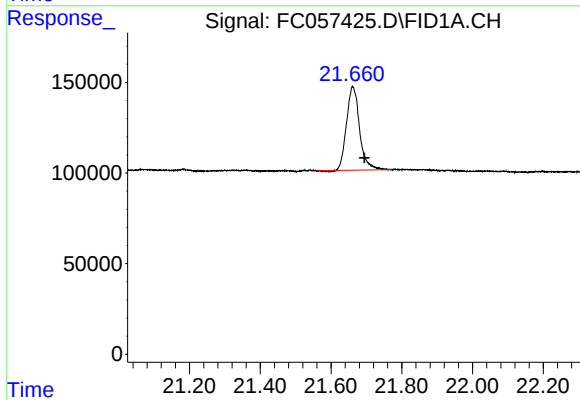
#20 n-Hexatriacontane (C36)

R.T.: 20.037 min
Delta R.T.: -0.025 min
Response: 812887
Conc: 10.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.030 min
Response: 1383119
Conc: 18.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.661 min
Delta R.T.: -0.033 min
Response: 1178018
Conc: 15.76 ug/ml