

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013020AL\
 Data File : FC045574.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 7:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 31 08:15:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.768	2241162	20.387 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.188	1726310	19.855 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.525	2183774	22.578 ug/ml
2) T n-Decane (C10)	4.597	2257564	23.310 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2442152	22.865 ug/ml
4) T n-Dodecane (C12)	6.613	2270051	23.221 ug/ml
5) T A~2-methylnaphthalene...	7.255	2451989	22.874 ug/ml
6) T n-Tetradecane (C14)	8.402	2235201	22.682 ug/ml
7) T n-Hexadecane (C16)	9.997	2203033	22.005 ug/ml
8) T n-Octadecane (C18)	11.435	2160862	21.215 ug/ml
10) T n-Eicosane (C20)	12.742	2094244	20.421 ug/ml
11) T n-Heneicosane (C21)	13.352	2068317	19.982 ug/ml
13) T n-Docosane (C22)	13.937	2043568	19.806 ug/ml
14) T n-Tetracosane (C24)	15.036	1981309	19.067 ug/ml
15) T n-Hexacosane (C26)	16.054	1939316	18.771 ug/ml
16) T n-Octacosane (C28)	17.002	1939847	18.979 ug/ml
17) T n-Tricontane (C30)	17.886	1955605	19.921 ug/ml
18) T n-Dotriacontane (C32)	18.716	1717473	20.640 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1458727	20.613 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1328870	20.725 ug/mlm
21) T n-Octatriacontane (C38)	21.004	1250538	21.381 ug/ml
22) T n-Tetracontane (C40)	21.976	1200993	20.359 ug/ml

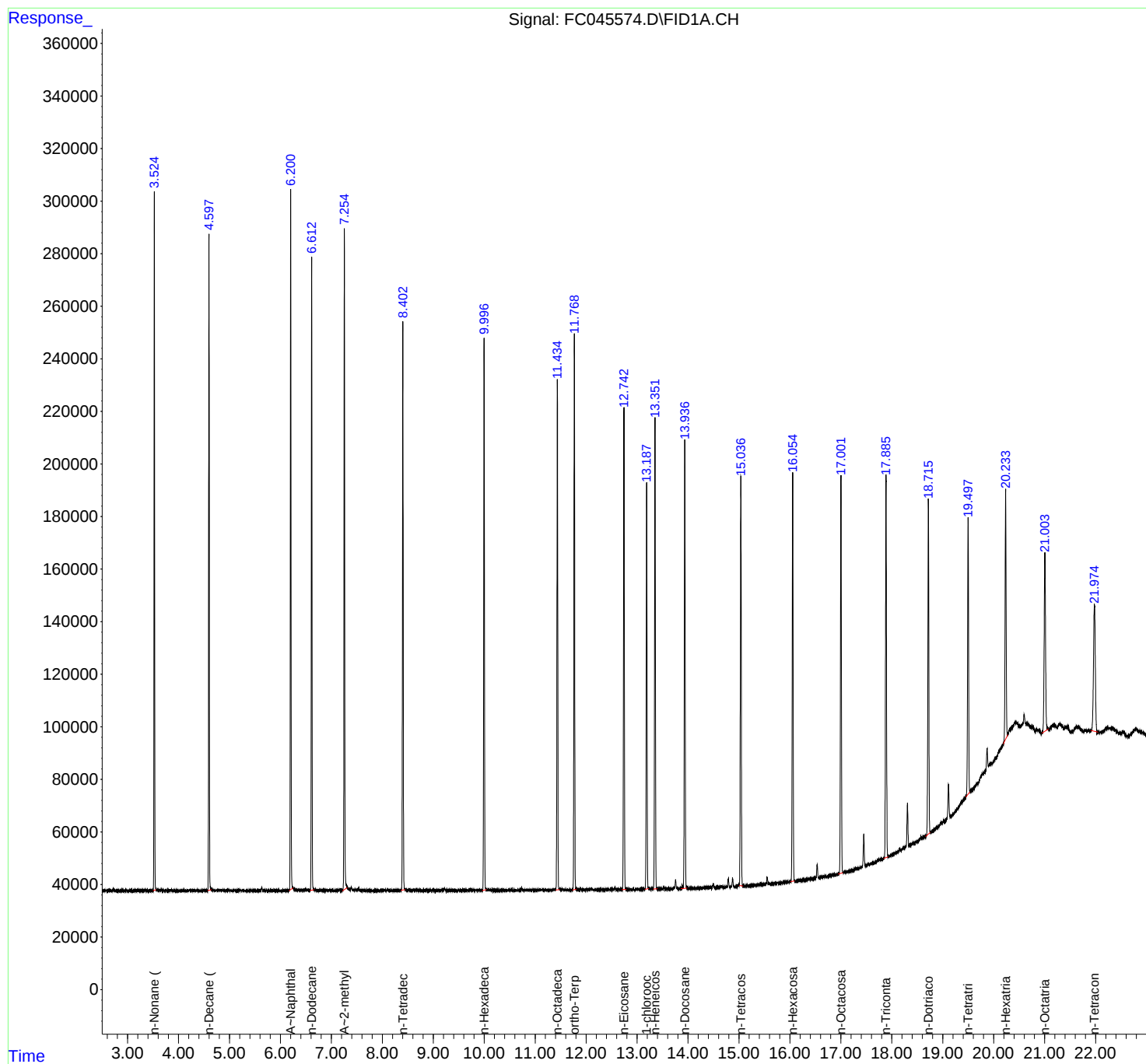
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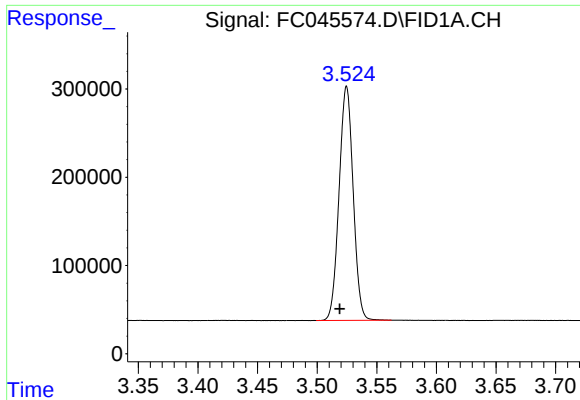
(m)=manual int.

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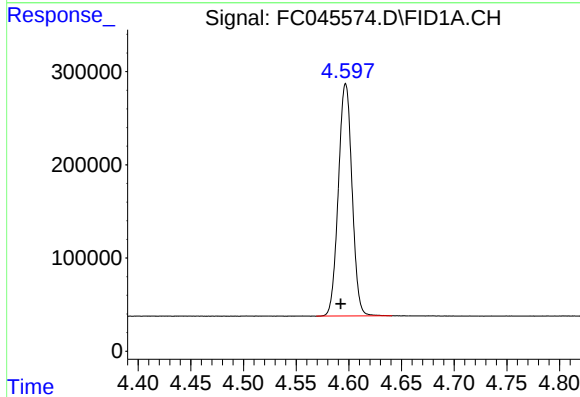
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Signal Info : 20M x 0.18mm x 0.18um





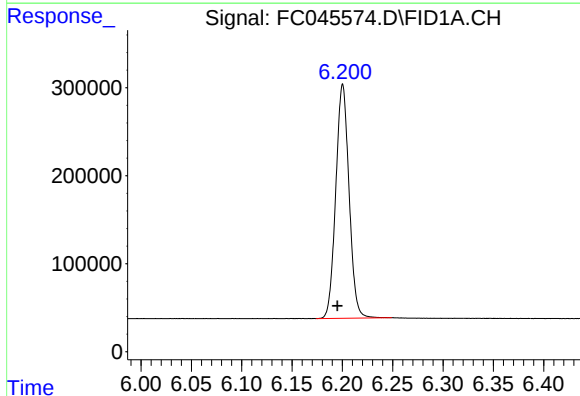
#1 n-Nonane (C9)

R.T.: 3.525 min
Delta R.T.: 0.006 min
Response: 2183774
Conc: 22.58 ug/ml



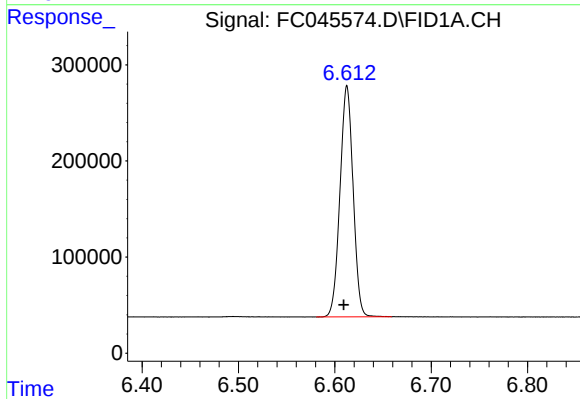
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2257564
Conc: 23.31 ug/ml



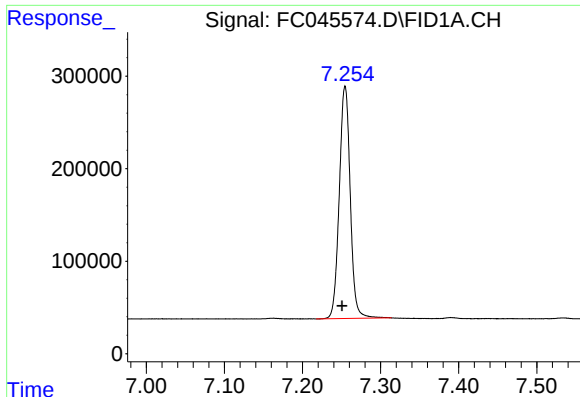
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2442152
Conc: 22.87 ug/ml



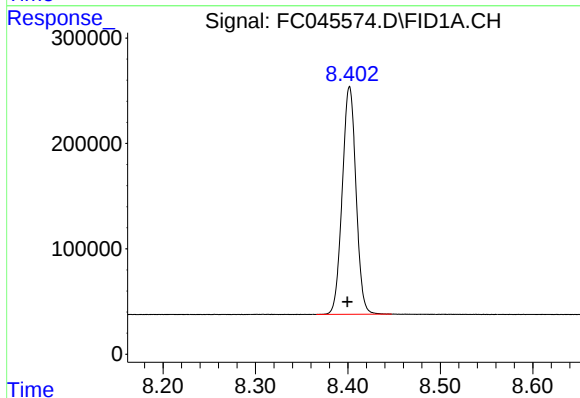
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 2270051
Conc: 23.22 ug/ml



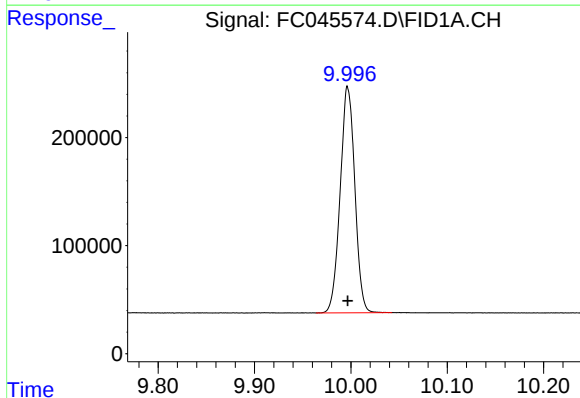
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: 0.004 min
Response: 2451989
Conc: 22.87 ug/ml



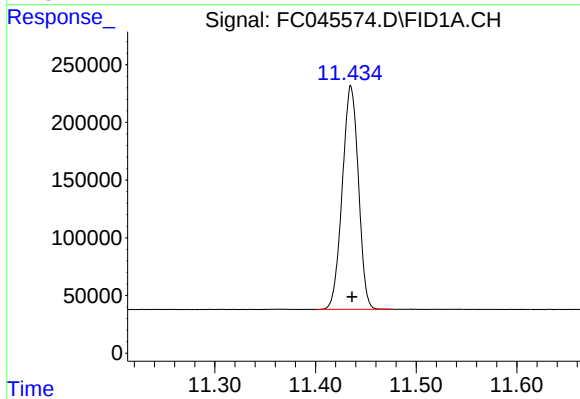
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 2235201
Conc: 22.68 ug/ml



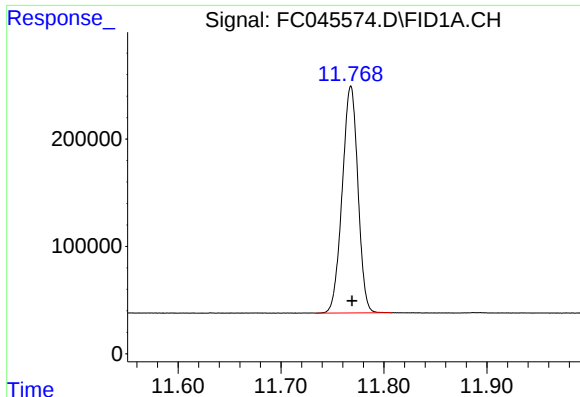
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 2203033
Conc: 22.01 ug/ml



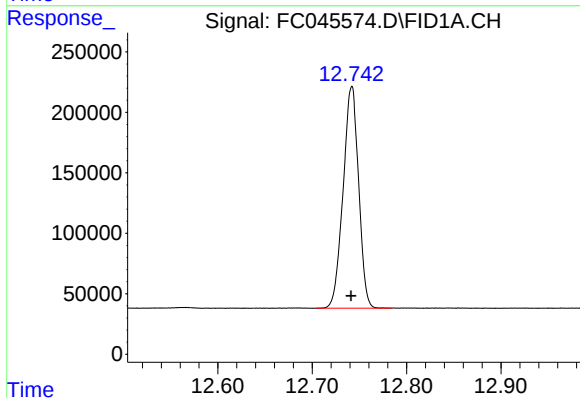
#8 n-Octadecane (C18)

R.T.: 11.435 min
Delta R.T.: 0.000 min
Response: 2160862
Conc: 21.22 ug/ml



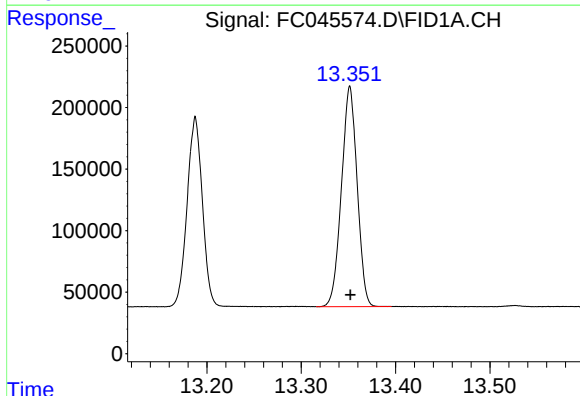
#9 ortho-Terphenyl (SURR)

R.T.: 11.768 min
Delta R.T.: -0.001 min
Response: 2241162
Conc: 20.39 ug/ml



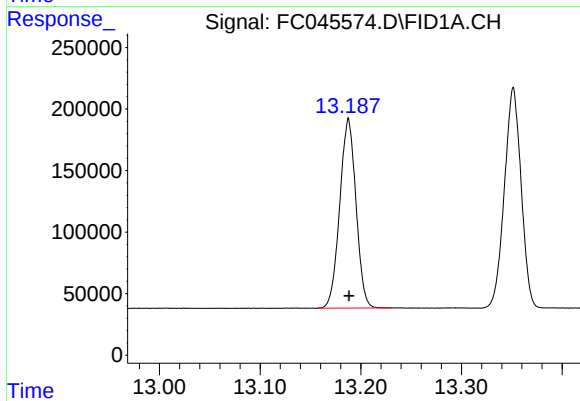
#10 n-Eicosane (C20)

R.T.: 12.742 min
Delta R.T.: 0.000 min
Response: 2094244
Conc: 20.42 ug/ml



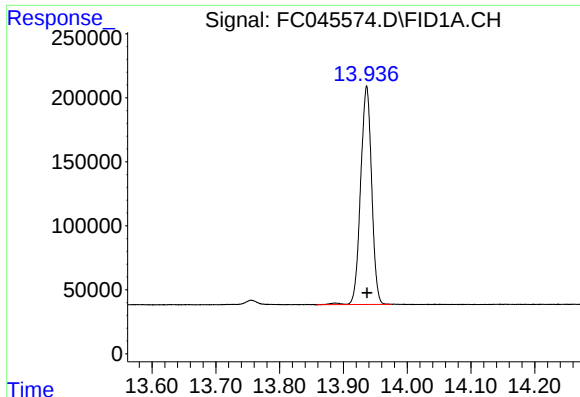
#11 n-Heneicosane (C21)

R.T.: 13.352 min
Delta R.T.: 0.000 min
Response: 2068317
Conc: 19.98 ug/ml



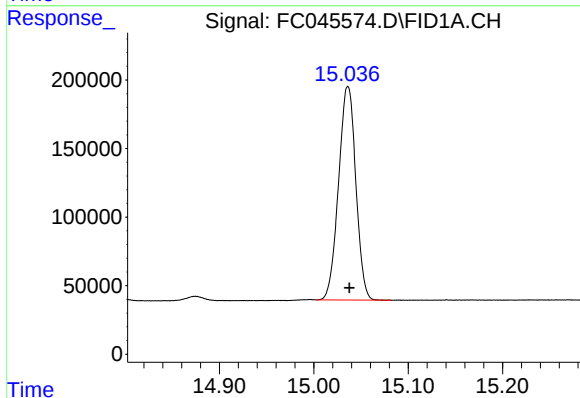
#12 1-chlorooctadecane (SURR)

R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 1726310
Conc: 19.86 ug/ml



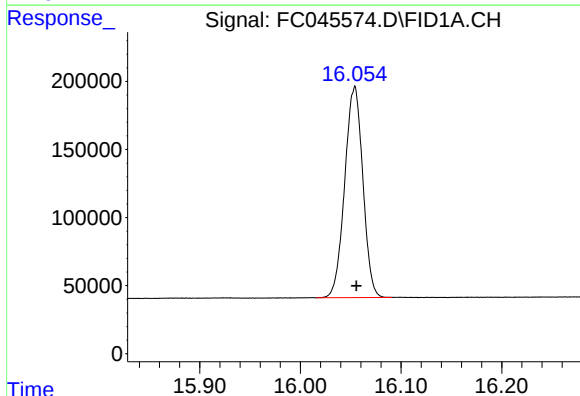
#13 n-Docosane (C22)

R.T.: 13.937 min
Delta R.T.: 0.000 min
Response: 2043568
Conc: 19.81 ug/ml



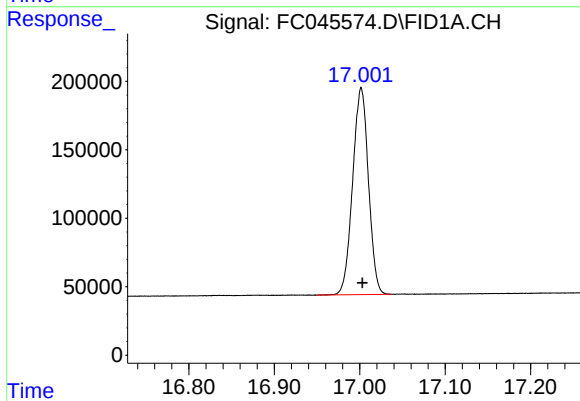
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: -0.002 min
Response: 1981309
Conc: 19.07 ug/ml



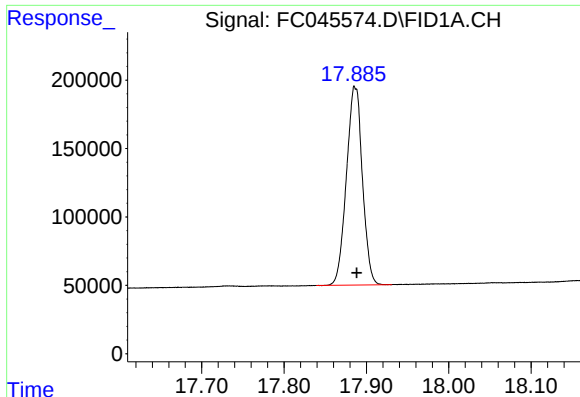
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: -0.002 min
Response: 1939316
Conc: 18.77 ug/ml



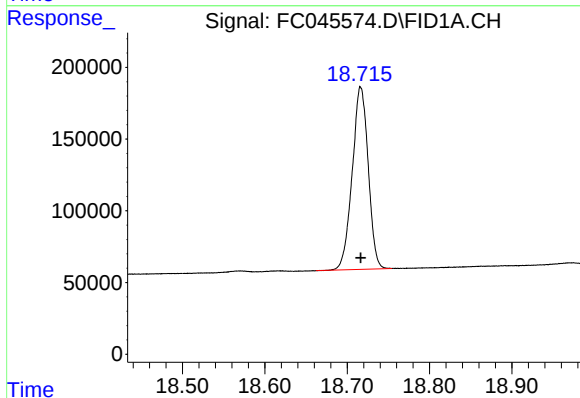
#16 n-Octacosane (C28)

R.T.: 17.002 min
Delta R.T.: -0.001 min
Response: 1939847
Conc: 18.98 ug/ml



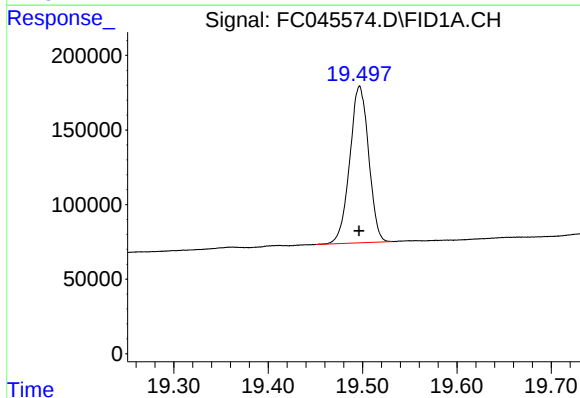
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: -0.002 min
Response: 1955605
Conc: 19.92 ug/ml



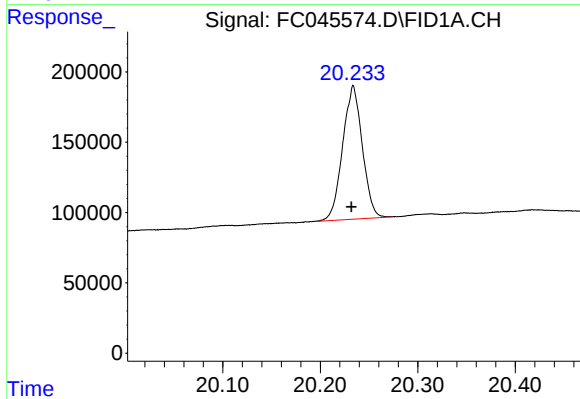
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: 0.000 min
Response: 1717473
Conc: 20.64 ug/ml



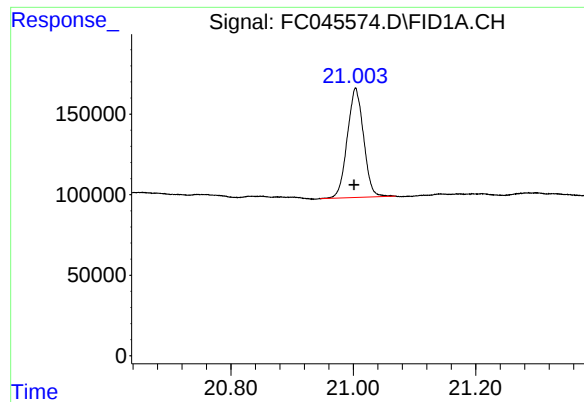
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.000 min
Response: 1458727
Conc: 20.61 ug/ml



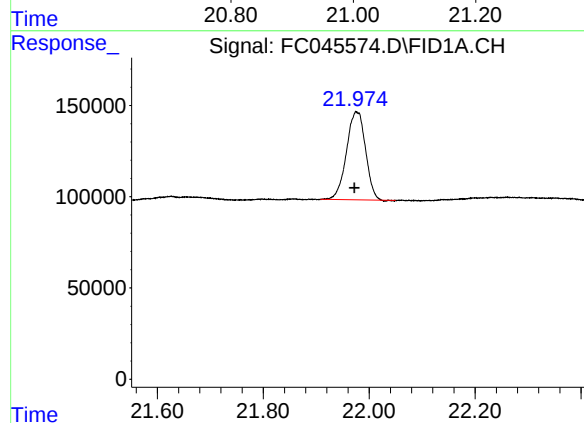
#20 n-Hexatriacontane (C36)

R.T.: 20.233 min
Delta R.T.: 0.001 min
Response: 1328870
Conc: 20.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: 0.002 min
Response: 1250538
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.003 min
Response: 1200993
Conc: 20.36 ug/ml