

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072121AL\
 Data File : FC054774.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jul 2021 00:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 03:45:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.313	2776884	19.964 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.757	2216924	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T n-Nonane (C9)	3.134	2279576	19.867 ug/ml
2) T n-Decane (C10)	4.186	2302953	19.816 ug/ml
3) T A~Naphthalene (C11.7)	5.751	2472103	20.546 ug/ml
4) T n-Dodecane (C12)	6.190	2373545	19.859 ug/ml
5) T A~2-methylnaphthalene...	6.803	2496175	20.439 ug/ml
6) T n-Tetradecane (C14)	7.978	2451471	19.928 ug/ml
7) T n-Hexadecane (C16)	9.572	2501008	19.839 ug/ml
8) T n-Octadecane (C18)	11.010	2596645	19.810 ug/ml
10) T n-Eicosane (C20)	12.316	2611030	19.816 ug/ml
11) T n-Heneicosane (C21)	12.926	2637931	19.807 ug/ml
13) T n-Docosane (C22)	13.510	2621527	19.796 ug/ml
14) T n-Tetracosane (C24)	14.611	2632257	19.965 ug/ml
15) T n-Hexacosane (C26)	15.630	2557463	19.884 ug/ml
16) T n-Octacosane (C28)	16.578	2493128	18.930 ug/ml
17) T n-Tricontane (C30)	17.464	2468615	17.347 ug/ml
18) T n-Dotriacontane (C32)	18.295	2239546	18.097 ug/ml
19) T n-Tetratriacontane (C34)	19.078	1992181	19.456 ug/ml
20) T n-Hexatriacontane (C36)	19.817	1865557	19.698 ug/ml
21) T n-Octatriacontane (C38)	20.521	1853411	19.905 ug/ml
22) T n-Tetracontane (C40)	21.335	1937422	19.962 ug/ml

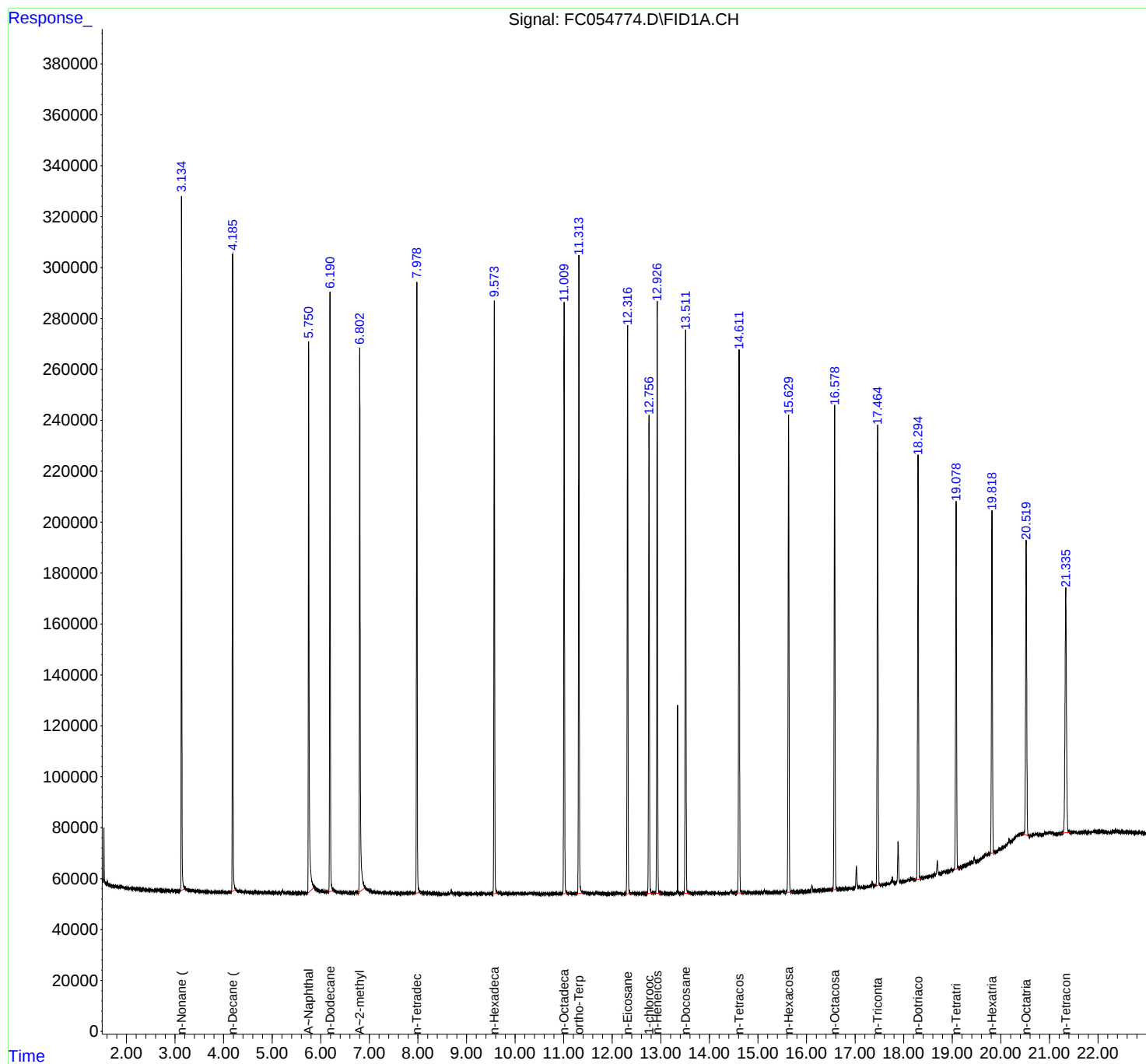
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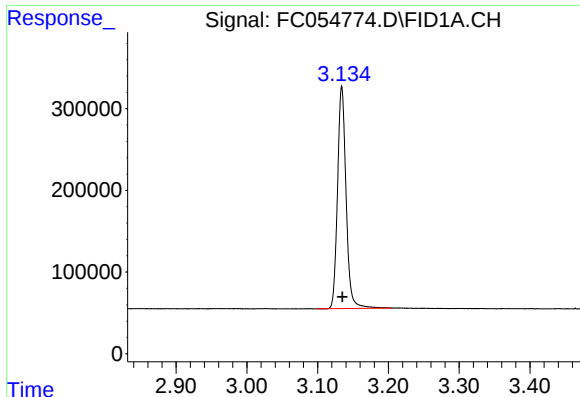
(m)=manual int.

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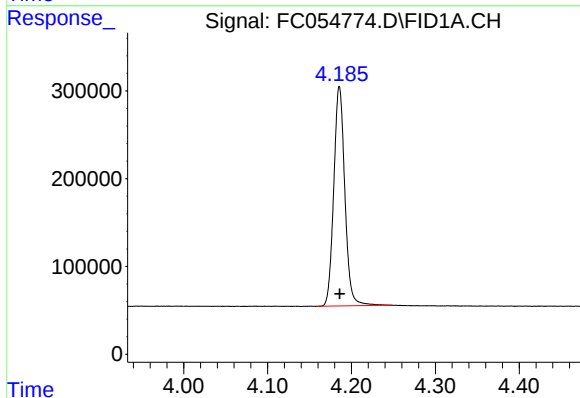
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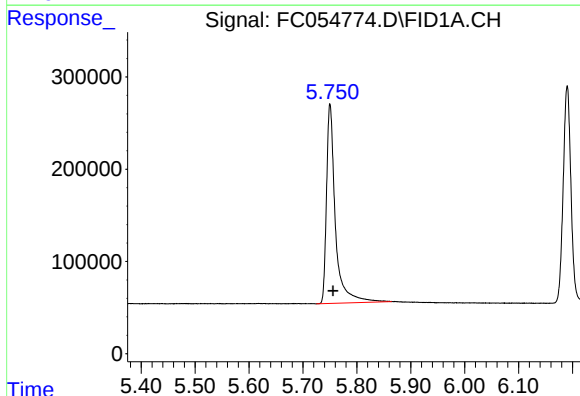
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 2279576
Conc: 19.87 ug/ml



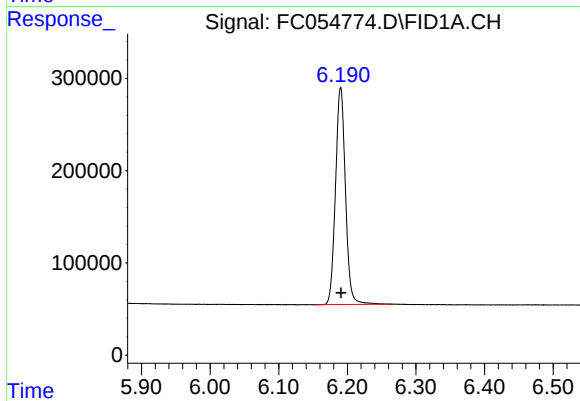
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 2302953
Conc: 19.82 ug/ml



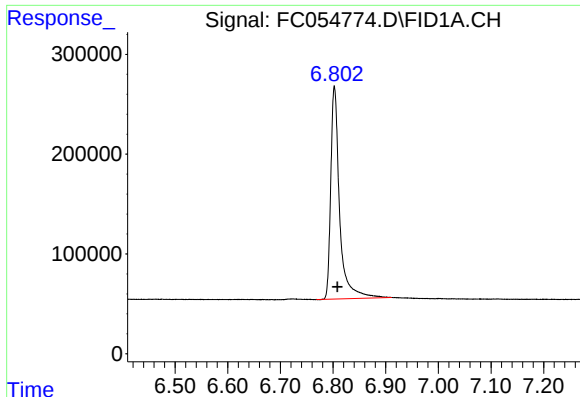
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 2472103
Conc: 20.55 ug/ml



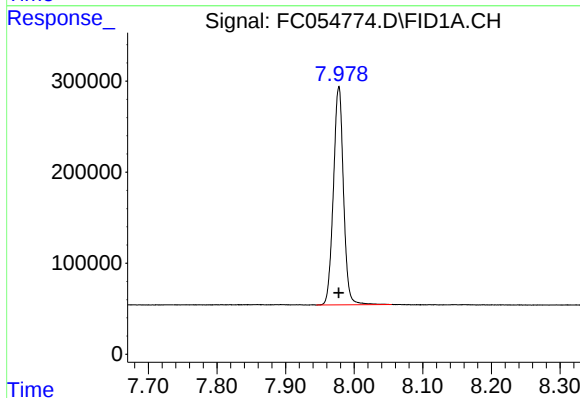
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 2373545
Conc: 19.86 ug/ml



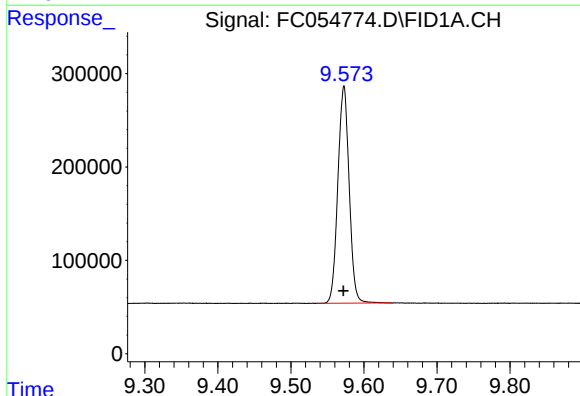
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 2496175
Conc: 20.44 ug/ml



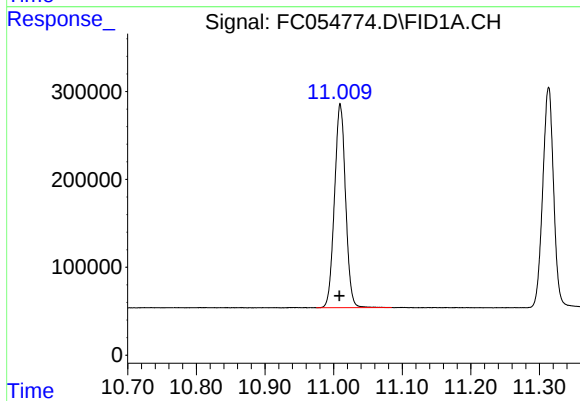
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2451471
Conc: 19.93 ug/ml



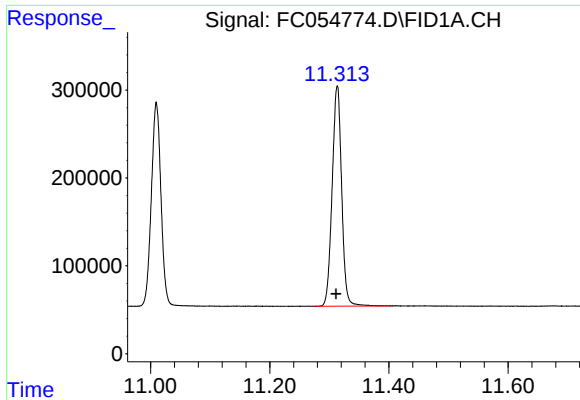
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 2501008
Conc: 19.84 ug/ml



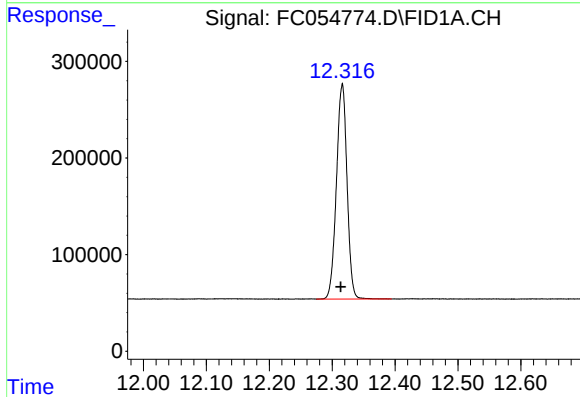
#8 n-Octadecane (C18)

R.T.: 11.010 min
Delta R.T.: 0.001 min
Response: 2596645
Conc: 19.81 ug/ml



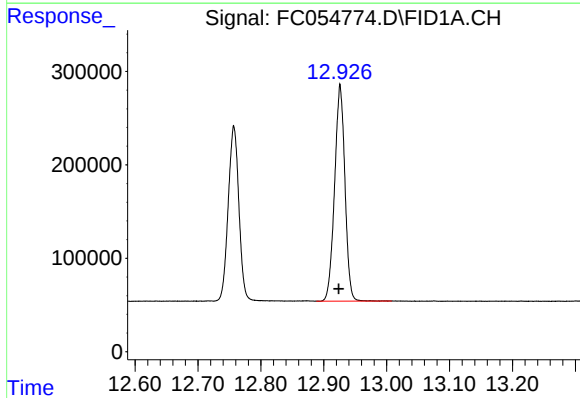
#9 ortho-Terphenyl (SURR)

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 2776884
Conc: 19.96 ug/ml



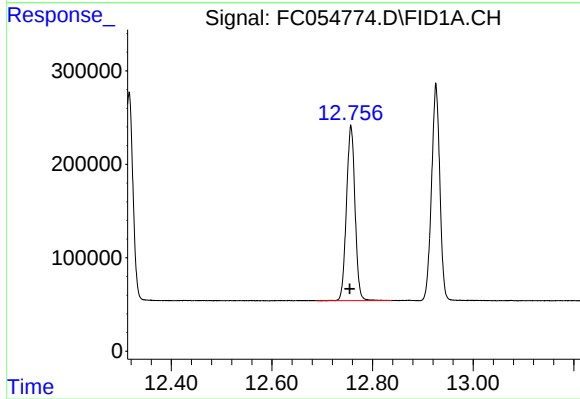
#10 n-Eicosane (C20)

R.T.: 12.316 min
Delta R.T.: 0.002 min
Response: 2611030
Conc: 19.82 ug/ml



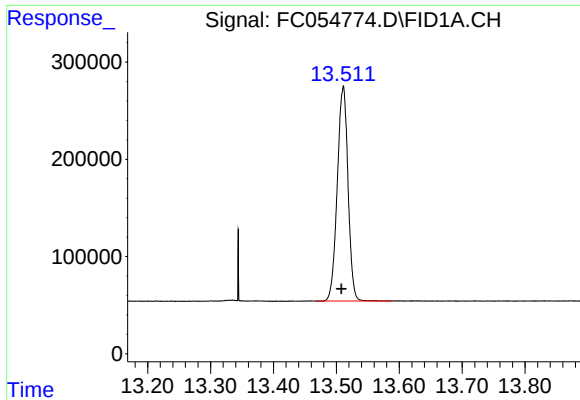
#11 n-Heneicosane (C21)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 2637931
Conc: 19.81 ug/ml



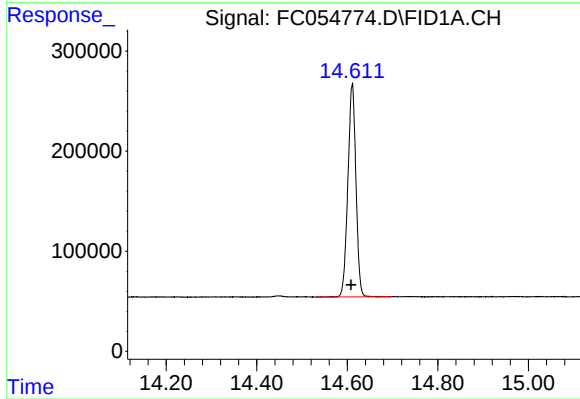
#12 1-chlorooctadecane (SURR)

R.T.: 12.757 min
Delta R.T.: 0.002 min
Response: 2216924
Conc: 19.94 ug/ml



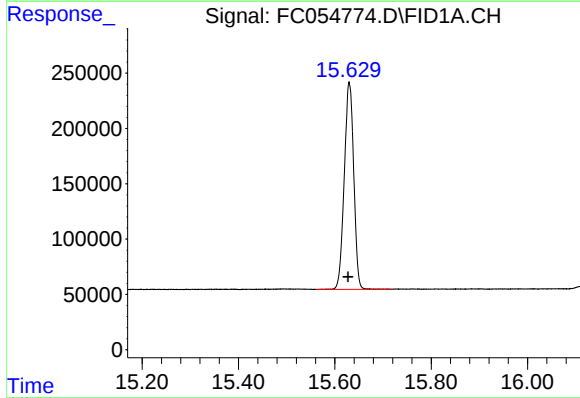
#13 n-Docosane (C22)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 2621527
Conc: 19.80 ug/ml



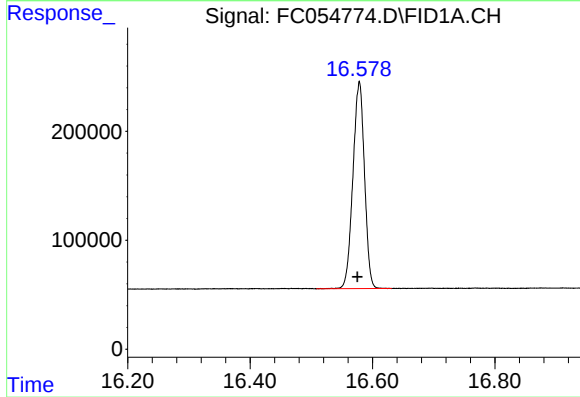
#14 n-Tetracosane (C24)

R.T.: 14.611 min
Delta R.T.: 0.002 min
Response: 2632257
Conc: 19.97 ug/ml



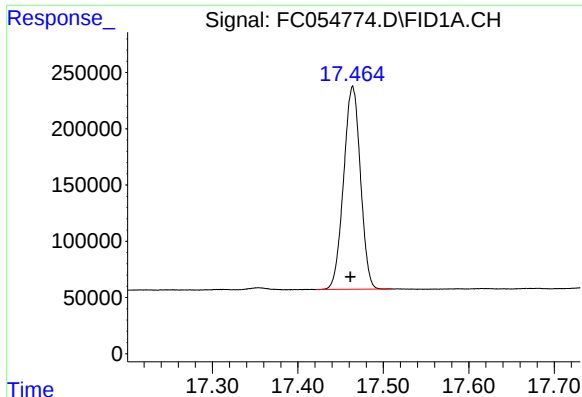
#15 n-Hexacosane (C26)

R.T.: 15.630 min
Delta R.T.: 0.003 min
Response: 2557463
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.578 min
Delta R.T.: 0.003 min
Response: 2493128
Conc: 18.93 ug/ml



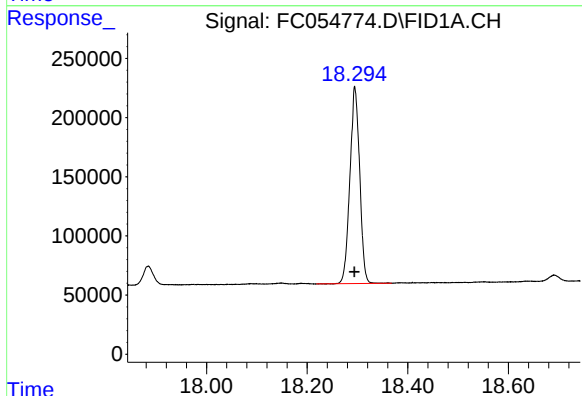
#17 n-Tricontane (C30)

R.T.: 17.464 min

Delta R.T.: 0.002 min

Response: 2468615

Conc: 17.35 ug/ml



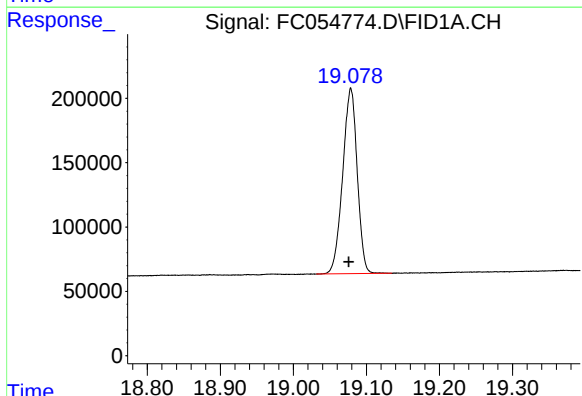
#18 n-Dotriacontane (C32)

R.T.: 18.295 min

Delta R.T.: 0.000 min

Response: 2239546

Conc: 18.10 ug/ml



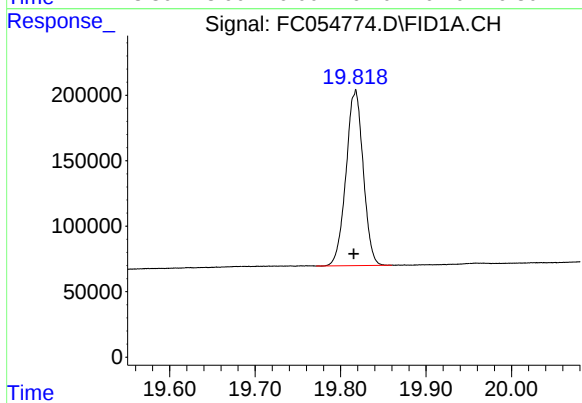
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min

Delta R.T.: 0.002 min

Response: 1992181

Conc: 19.46 ug/ml



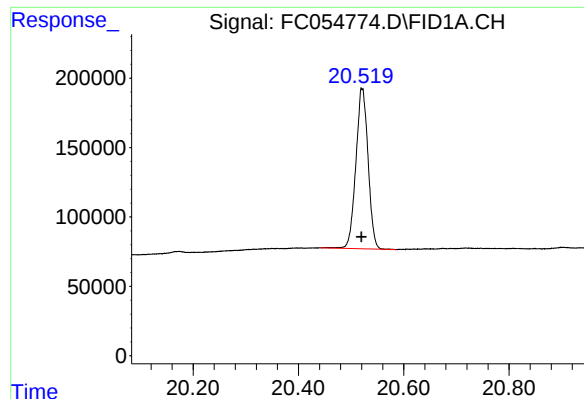
#20 n-Hexatriacontane (C36)

R.T.: 19.817 min

Delta R.T.: 0.002 min

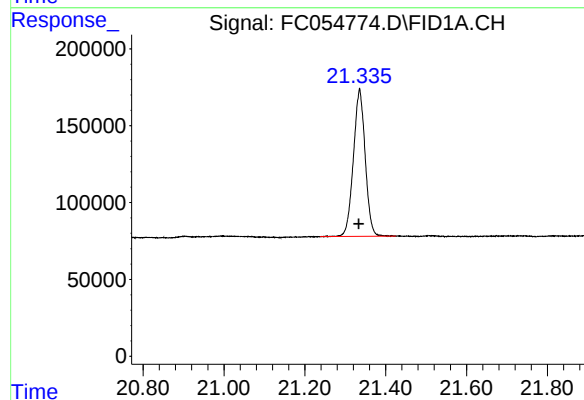
Response: 1865557

Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.521 min
Delta R.T.: 0.001 min
Response: 1853411
Conc: 19.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: 0.002 min
Response: 1937422
Conc: 19.96 ug/ml