

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032122AL\
 Data File : FC058849.D
 Signal(s) : FID1A.CH
 Acq On : 21 Mar 2022 20:58
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 03:10:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.399	2765134	18.984 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	12.830	2135645	18.841 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.254	2410881	20.048 ug/ml
2) T n-Decane (C10)	4.304	2424533	20.374 ug/ml
3) T A~Naphthalene (C11.7)	5.869	2481471	19.120 ug/ml
4) T n-Dodecane (C12)	6.298	2528887	20.557 ug/ml
5) T A~2-methylnaphthalene...	6.914	2467934	18.930 ug/ml
6) T n-Tetradecane (C14)	8.075	2555495	20.394 ug/ml
7) T n-Hexadecane (C16)	9.661	2578455	20.022 ug/ml
8) T n-Octadecane (C18)	11.090	2578018	19.591 ug/ml
10) T n-Eicosane (C20)	12.390	2534191	19.272 ug/ml
11) T n-Heneicosane (C21)	12.997	2520721	19.073 ug/ml
13) T n-Docosane (C22)	13.580	2483508	19.050 ug/ml
14) T n-Tetracosane (C24)	14.674	2419666	18.738 ug/ml
15) T n-Hexacosane (C26)	15.688	2329069	18.828 ug/ml
16) T n-Octacosane (C28)	16.634	2276639	19.126 ug/ml
17) T n-Tricontane (C30)	17.516	2216660	19.693 ug/ml
18) T n-Dotriacontane (C32)	18.344	2116919	19.687 ug/ml
19) T n-Tetratriacontane (C34)	19.124	2005646	20.700 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1884415	20.888 ug/ml
21) T n-Octatriacontane (C38)	20.561	1783372	20.493 ug/mlm
22) T n-Tetracontane (C40)	21.386	1679896	20.018 ug/ml

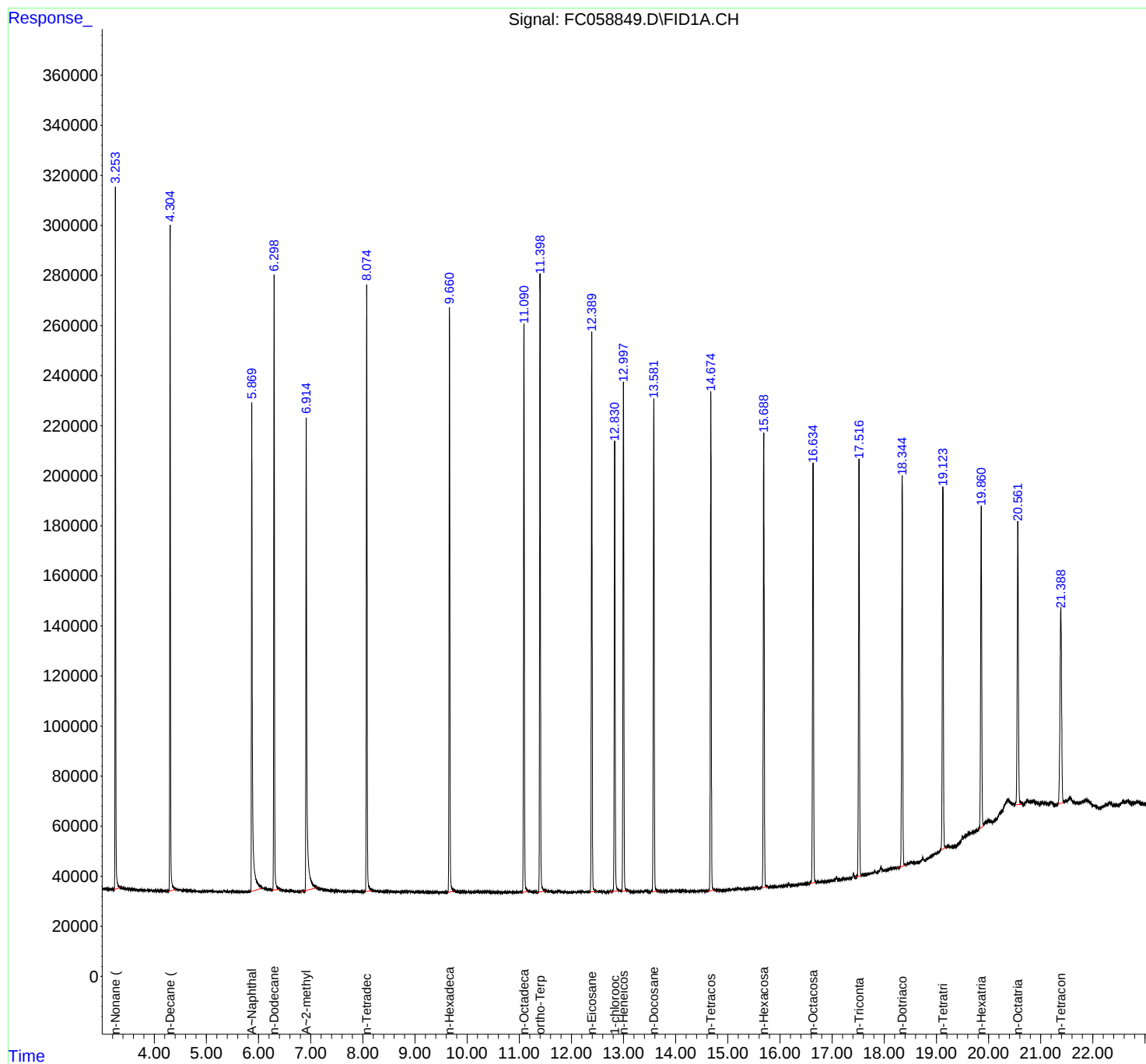
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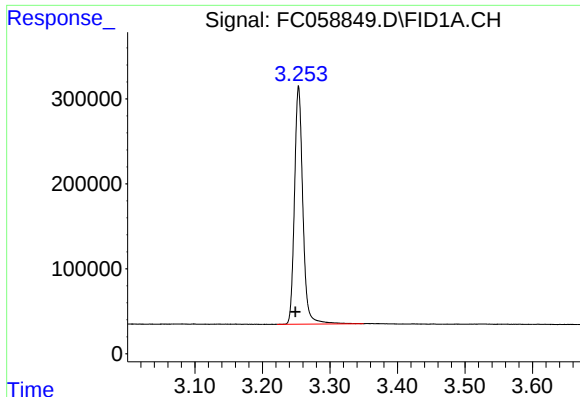
(m)=manual int.

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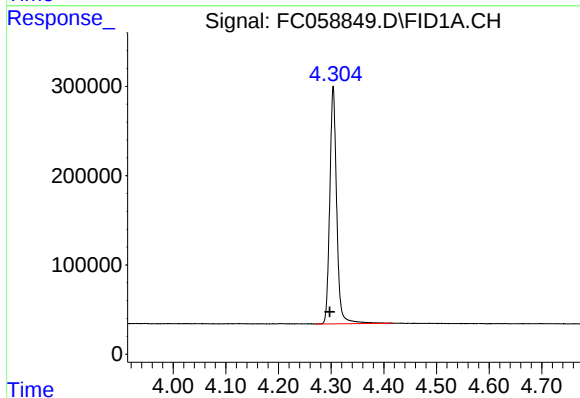
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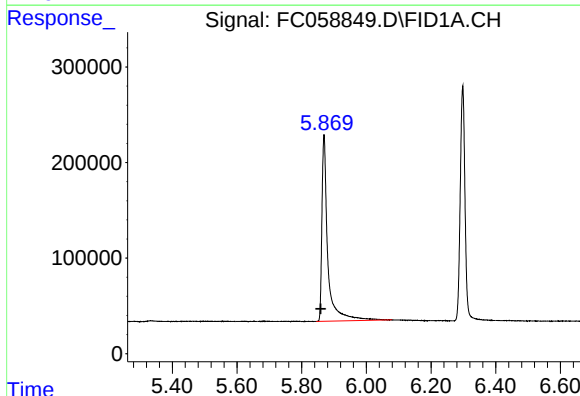
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2410881
Conc: 20.05 ug/ml



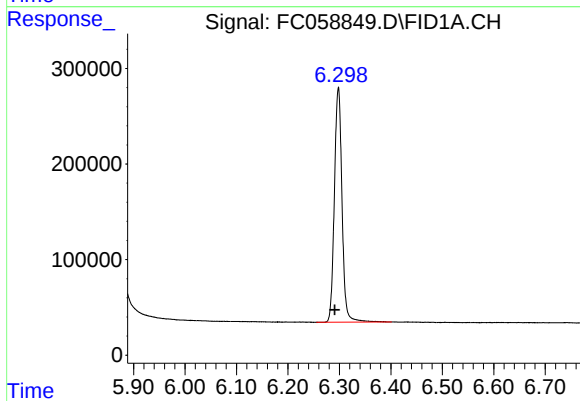
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 2424533
Conc: 20.37 ug/ml



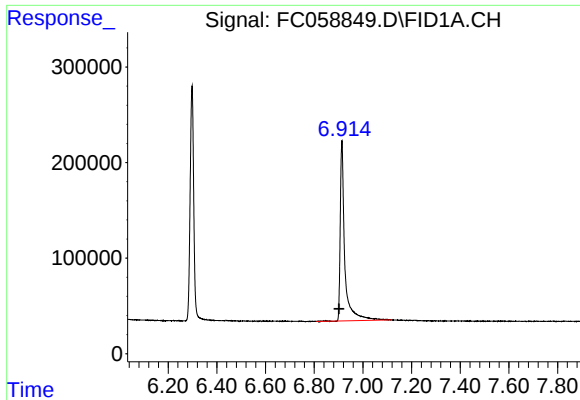
#3 A~Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: 0.010 min
Response: 2481471
Conc: 19.12 ug/ml



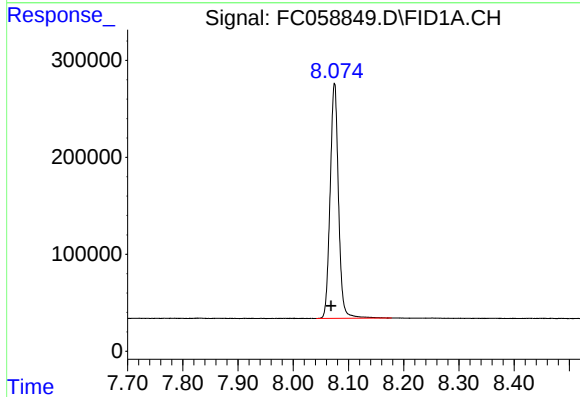
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2528887
Conc: 20.56 ug/ml



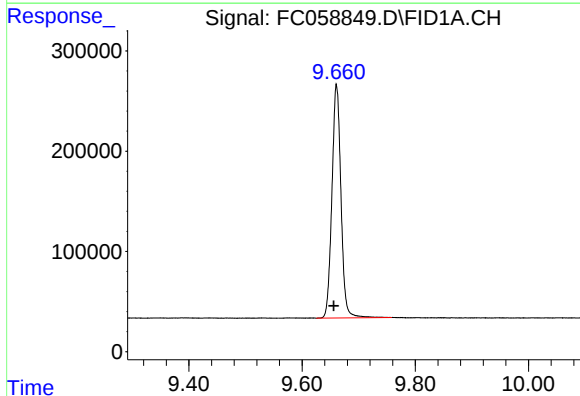
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.011 min
Response: 2467934
Conc: 18.93 ug/ml



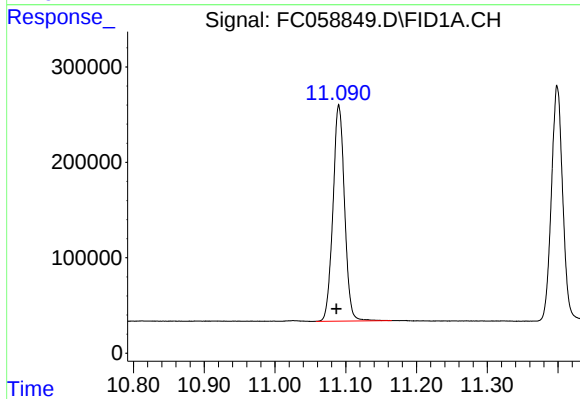
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.006 min
Response: 2555495
Conc: 20.39 ug/ml



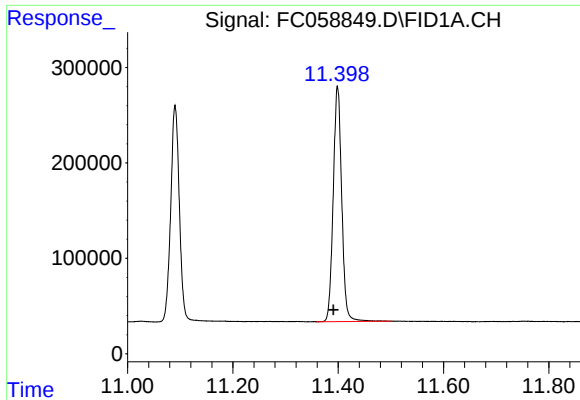
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 2578455
Conc: 20.02 ug/ml



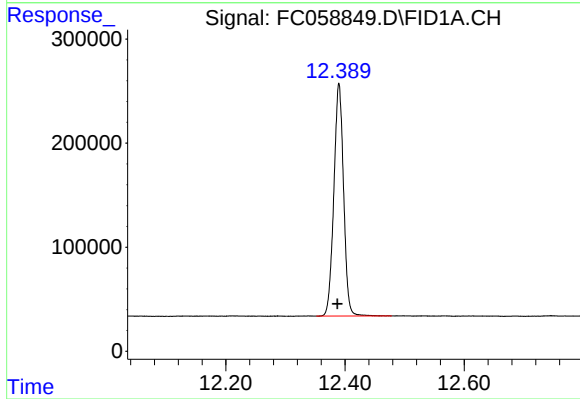
#8 n-Octadecane (C18)

R.T.: 11.090 min
Delta R.T.: 0.004 min
Response: 2578018
Conc: 19.59 ug/ml



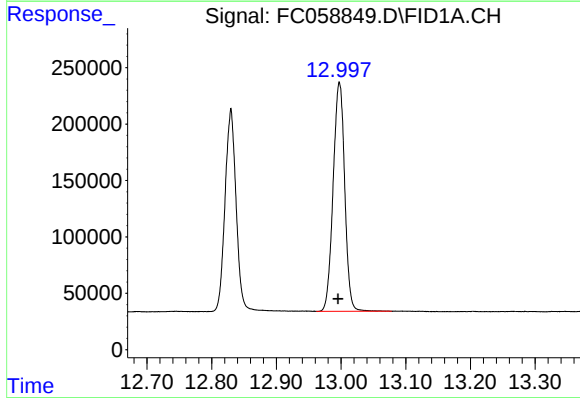
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.008 min
Response: 2765134
Conc: 18.98 ug/ml



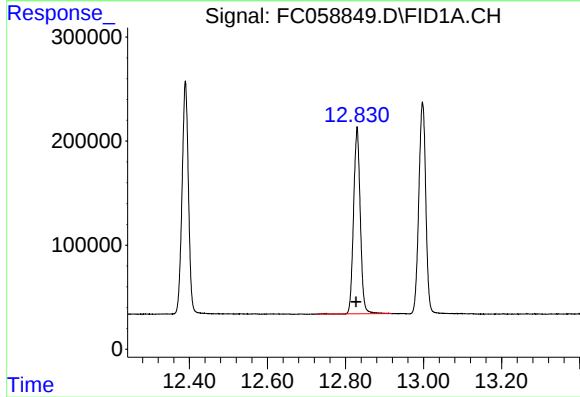
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.002 min
Response: 2534191
Conc: 19.27 ug/ml



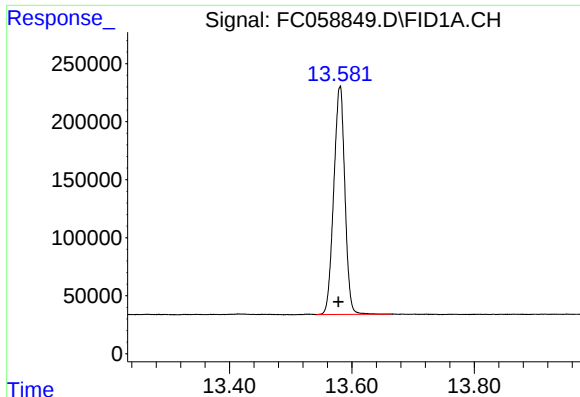
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.002 min
Response: 2520721
Conc: 19.07 ug/ml



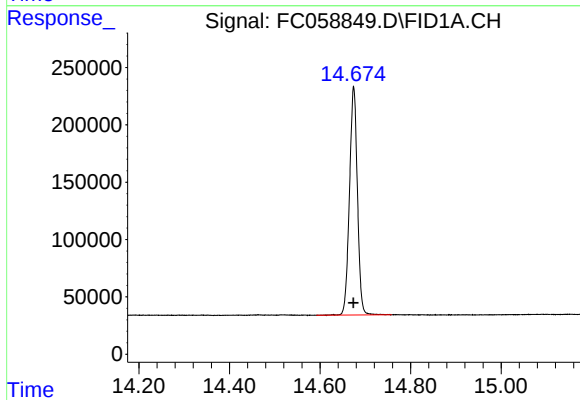
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 2135645
Conc: 18.84 ug/ml



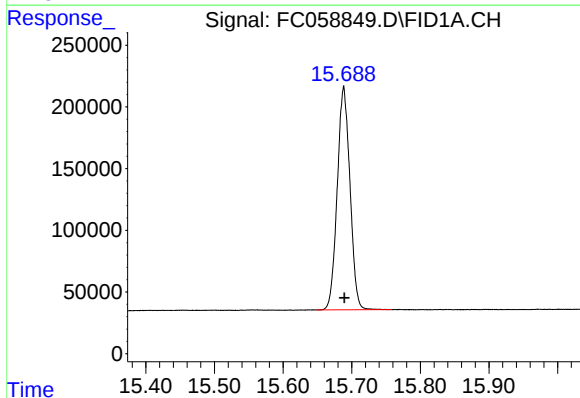
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 2483508
Conc: 19.05 ug/ml



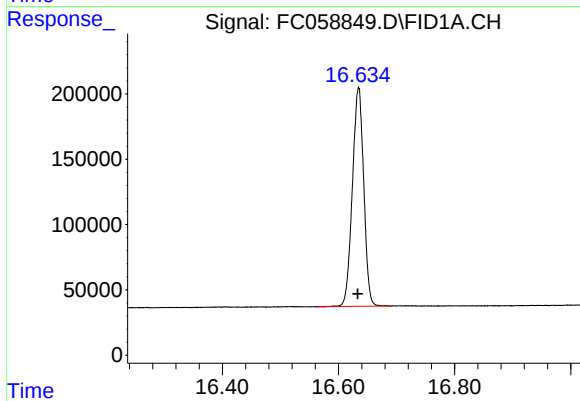
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 2419666
Conc: 18.74 ug/ml



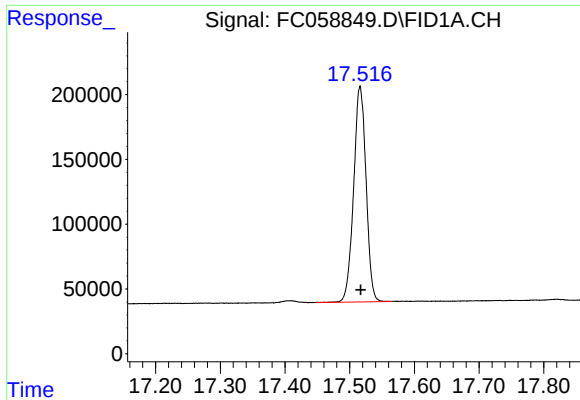
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.001 min
Response: 2329069
Conc: 18.83 ug/ml



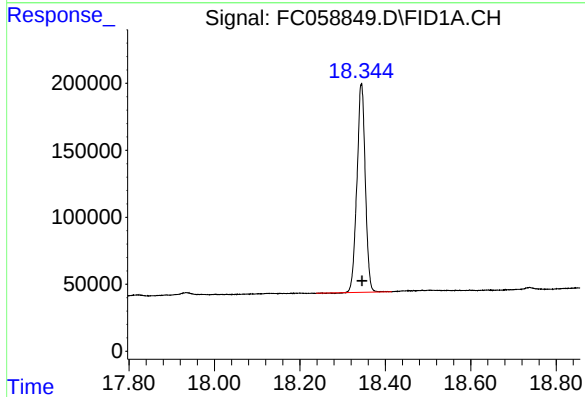
#16 n-Octacosane (C28)

R.T.: 16.634 min
Delta R.T.: 0.001 min
Response: 2276639
Conc: 19.13 ug/ml



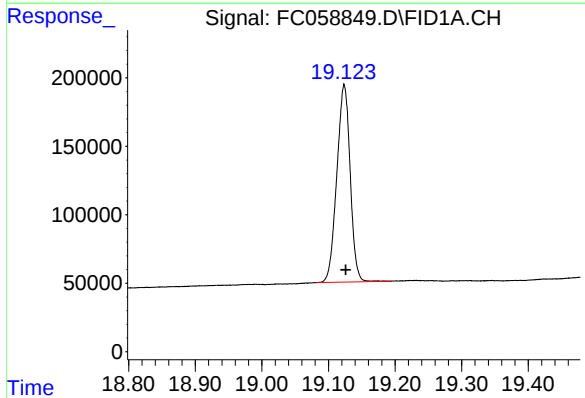
#17 n-Tricontane (C30)

R.T.: 17.516 min
Delta R.T.: 0.000 min
Response: 2216660
Conc: 19.69 ug/ml



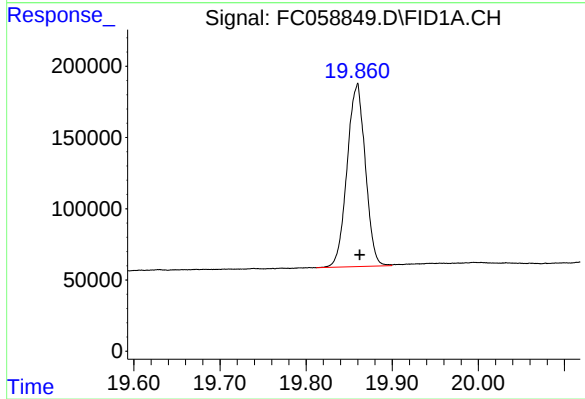
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 2116919
Conc: 19.69 ug/ml



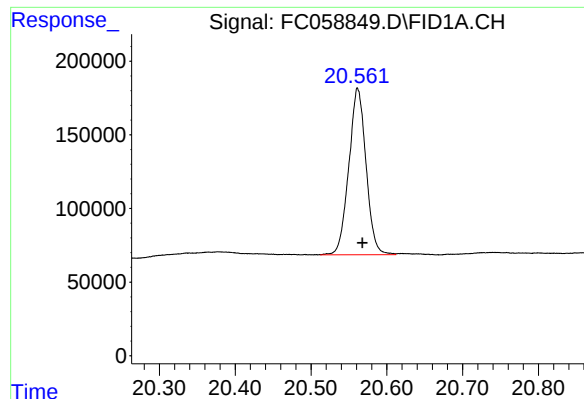
#19 n-Tetratriacontane (C34)

R.T.: 19.124 min
Delta R.T.: -0.002 min
Response: 2005646
Conc: 20.70 ug/ml



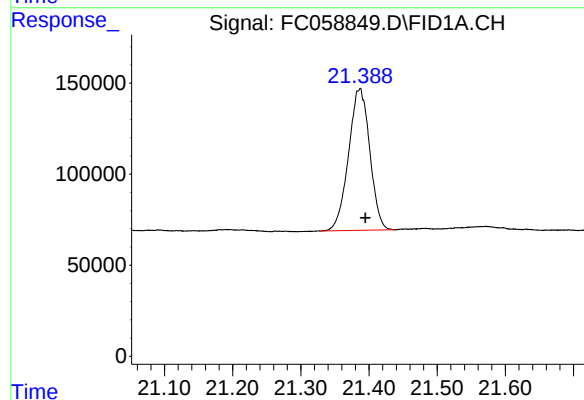
#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1884415
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.007 min
Response: 1783372
Conc: 20.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.386 min
Delta R.T.: -0.009 min
Response: 1679896
Conc: 20.02 ug/ml