

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052721AL\
 Data File : FC053950.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2021 14:44
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 09:01:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 08:59:15 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)	11.349	675471	4.878 ug/ml
Spiked Amount 50.000		Recovery =	9.76%
12) S 1-chlorooctadecane (S...	12.795	541865	4.851 ug/ml
Spiked Amount 50.000		Recovery =	9.70%
Target Compounds			
1) T n-Nonane (C9)	3.153	564935	4.801 ug/ml
2) T n-Decane (C10)	4.209	565677	4.763 ug/ml
3) T A~Naphthalene (C11.7)	5.778	599604	4.585 ug/ml
4) T n-Dodecane (C12)	6.219	584264	4.793 ug/ml
5) T A~2-methylnaphthalene...	6.831	598964	4.496 ug/ml
6) T n-Tetradecane (C14)	8.010	584233	4.740 ug/ml
7) T n-Hexadecane (C16)	9.607	594171	4.811 ug/ml
8) T n-Octadecane (C18)	11.046	636579	4.875 ug/ml
10) T n-Eicosane (C20)	12.353	654407	4.920 ug/ml
11) T n-Heneicosane (C21)	12.965	654260	4.909 ug/ml
13) T n-Docosane (C22)	13.550	660060	4.938 ug/ml
14) T n-Tetracosane (C24)	14.652	657117	4.906 ug/ml
15) T n-Hexacosane (C26)	15.673	649757	4.891 ug/ml
16) T n-Octacosane (C28)	16.622	661390	5.011 ug/ml
17) T n-Tricontane (C30)	17.509	691794	5.334 ug/ml
18) T n-Dotriacontane (C32)	18.341	739991	5.920 ug/ml
19) T n-Tetratriacontane (C34)	19.125	683769	5.740 ug/ml
20) T n-Hexatriacontane (C36)	19.864	613862	5.548 ug/ml
21) T n-Octatriacontane (C38)	20.572	535014	5.359 ug/ml
22) T n-Tetracontane (C40)	21.405	552034	5.586 ug/ml

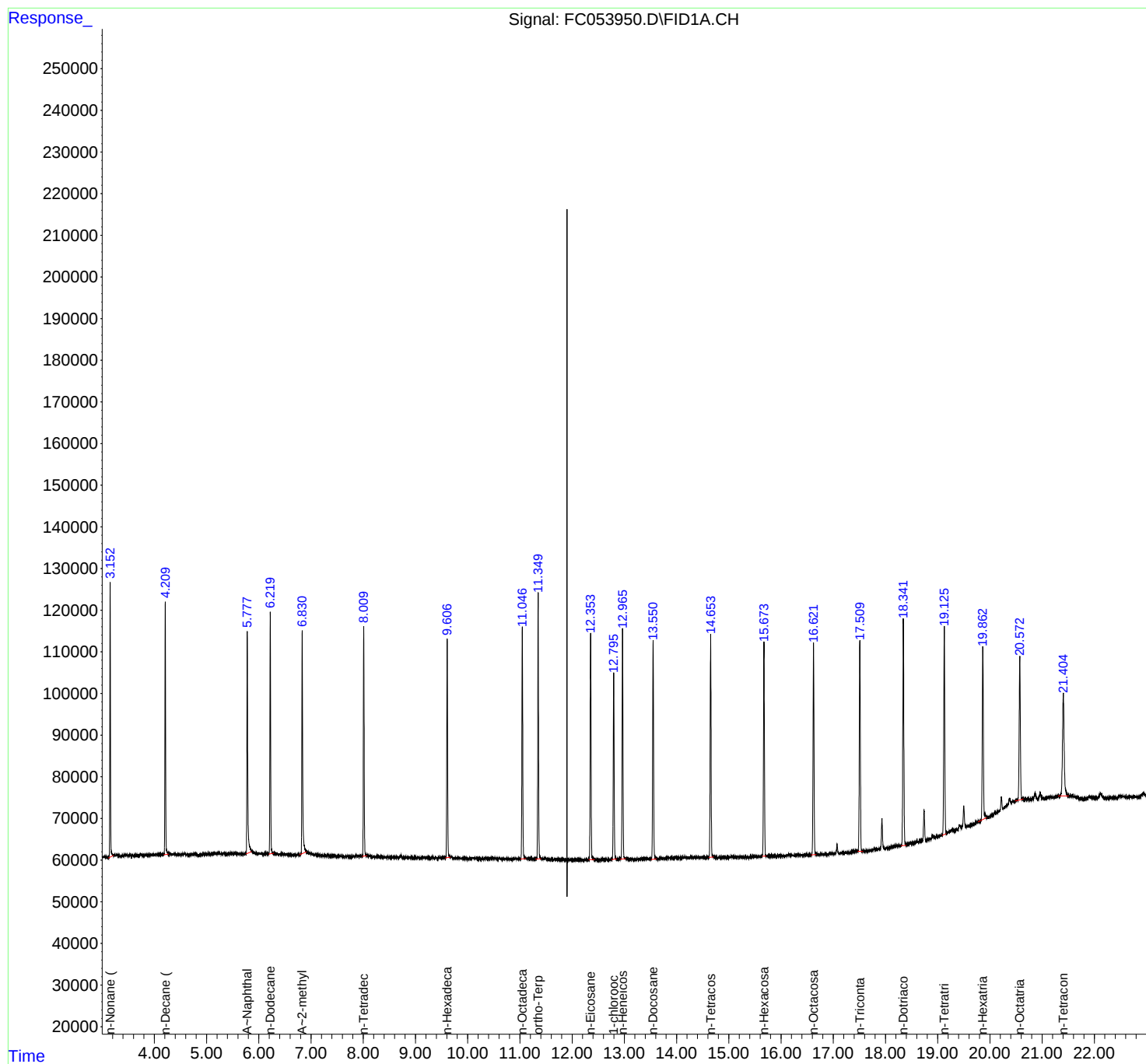
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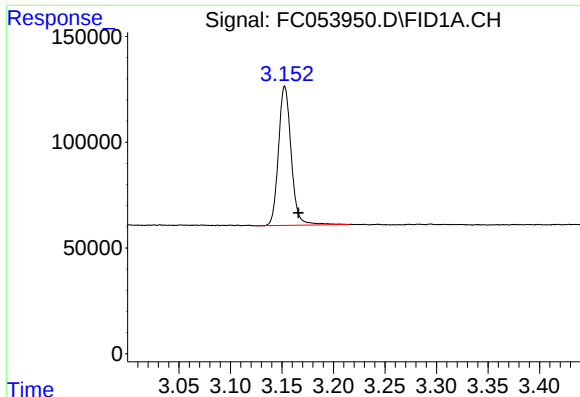
(m)=manual int.

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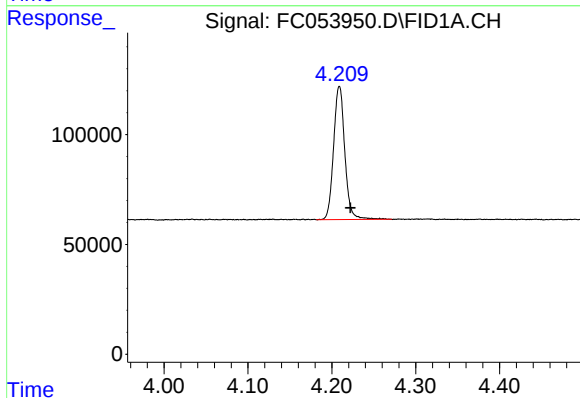
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





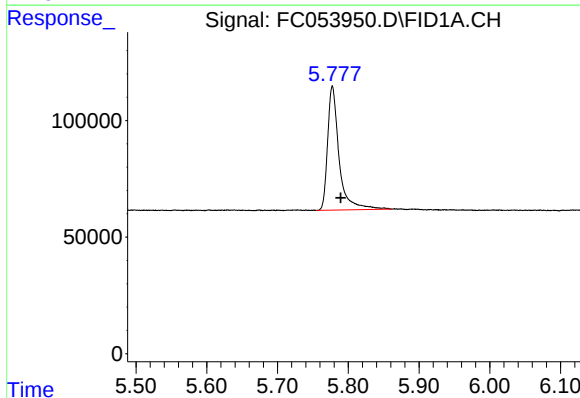
#1 n-Nonane (C9)

R.T.: 3.153 min
Delta R.T.: -0.013 min
Response: 564935
Conc: 4.80 ug/ml



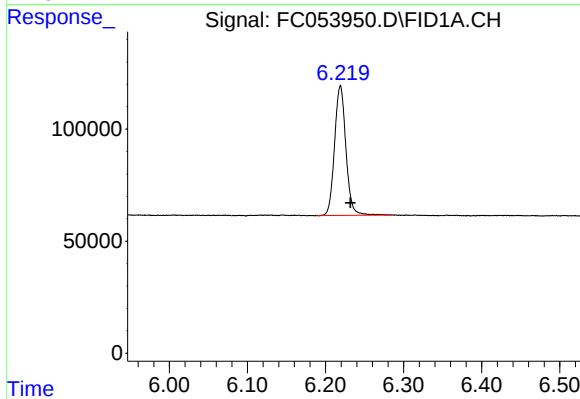
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: -0.013 min
Response: 565677
Conc: 4.76 ug/ml



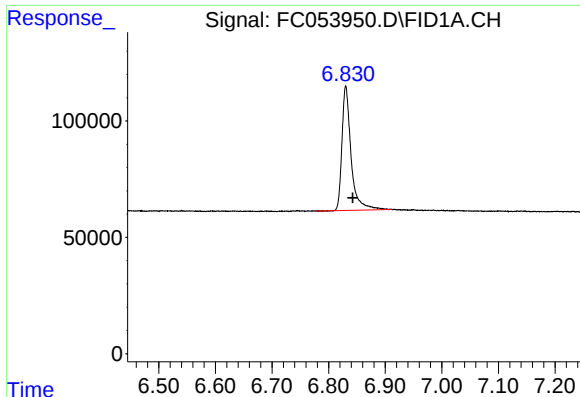
#3 A~Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.011 min
Response: 599604
Conc: 4.58 ug/ml



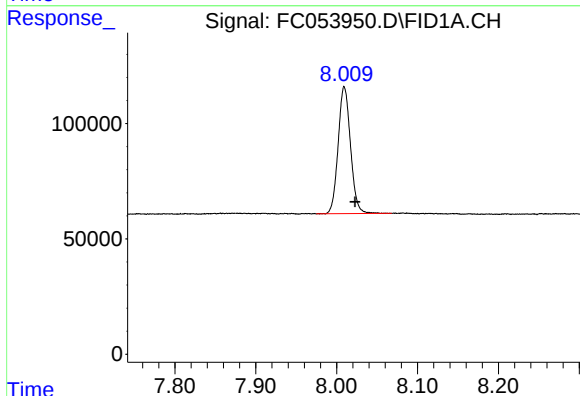
#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.013 min
Response: 584264
Conc: 4.79 ug/ml



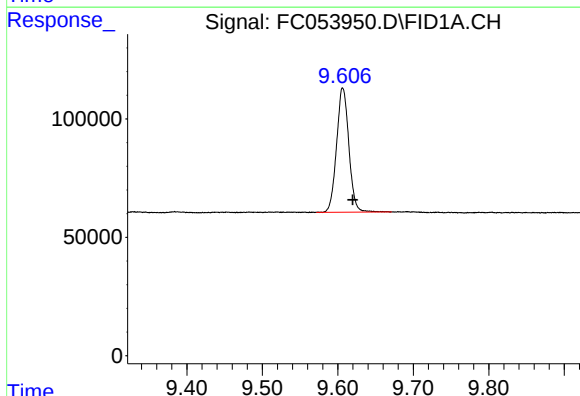
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.012 min
Response: 598964
Conc: 4.50 ug/ml



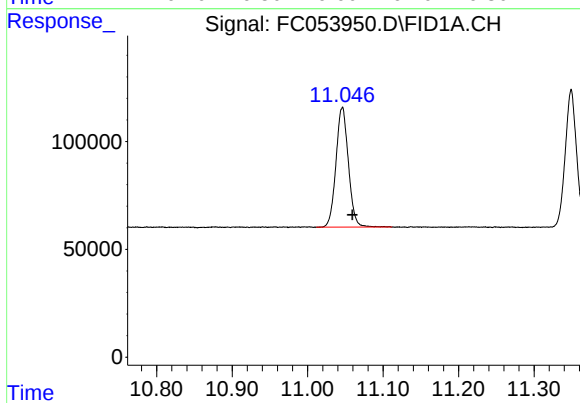
#6 n-Tetradecane (C14)

R.T.: 8.010 min
Delta R.T.: -0.013 min
Response: 584233
Conc: 4.74 ug/ml



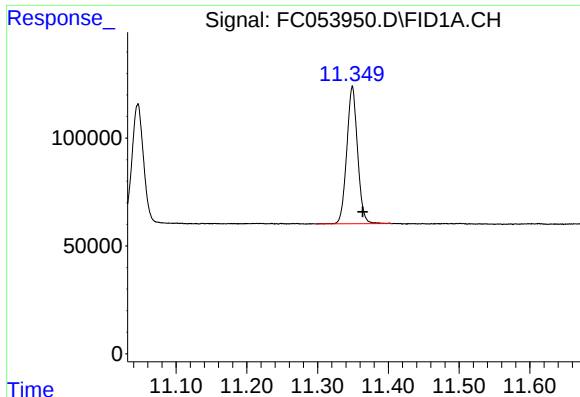
#7 n-Hexadecane (C16)

R.T.: 9.607 min
Delta R.T.: -0.013 min
Response: 594171
Conc: 4.81 ug/ml



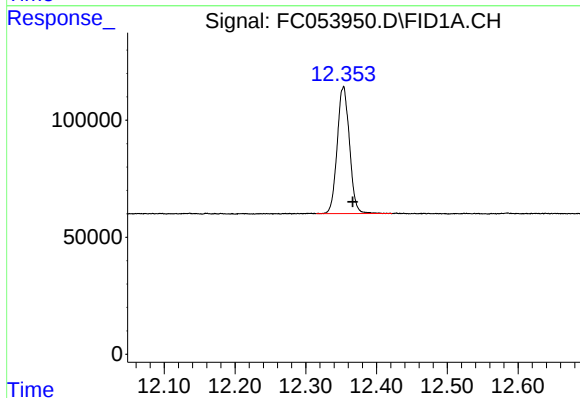
#8 n-Octadecane (C18)

R.T.: 11.046 min
Delta R.T.: -0.013 min
Response: 636579
Conc: 4.87 ug/ml



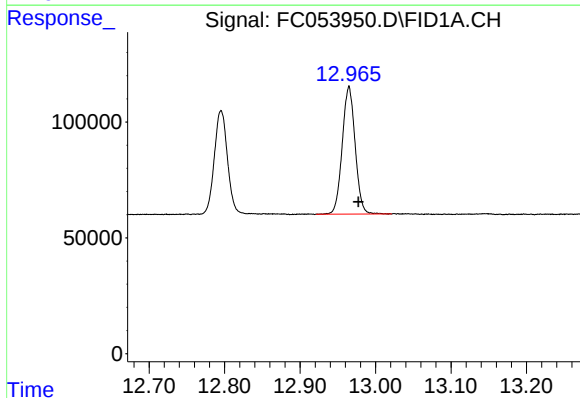
#9 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: -0.015 min
Response: 675471
Conc: 4.88 ug/ml



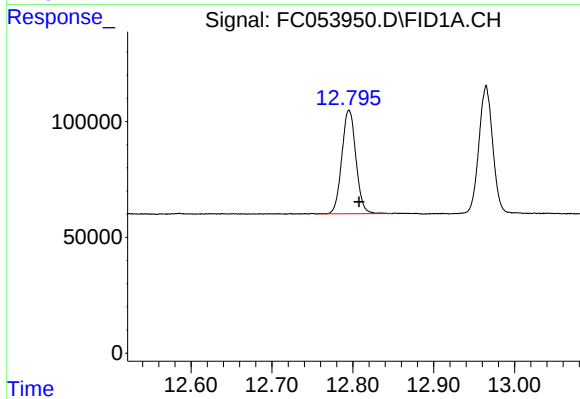
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: -0.013 min
Response: 654407
Conc: 4.92 ug/ml



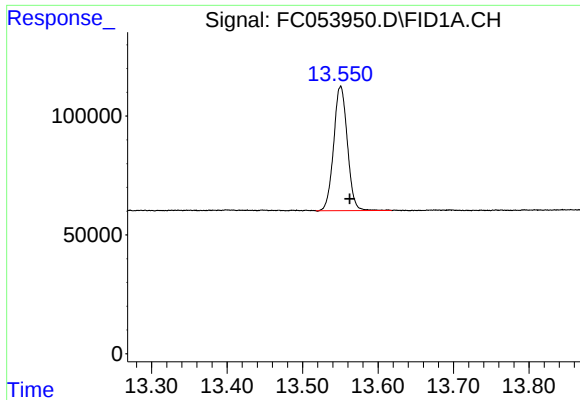
#11 n-Heneicosane (C21)

R.T.: 12.965 min
Delta R.T.: -0.013 min
Response: 654260
Conc: 4.91 ug/ml



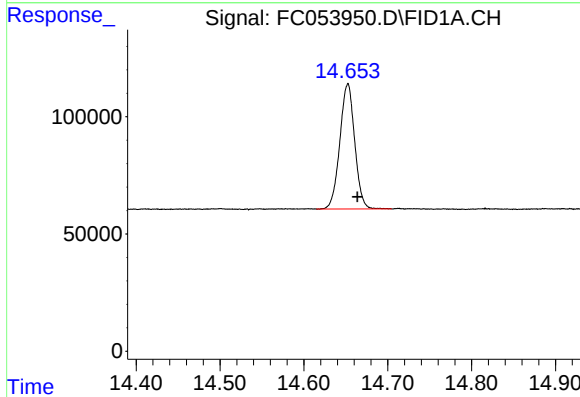
#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.012 min
Response: 541865
Conc: 4.85 ug/ml



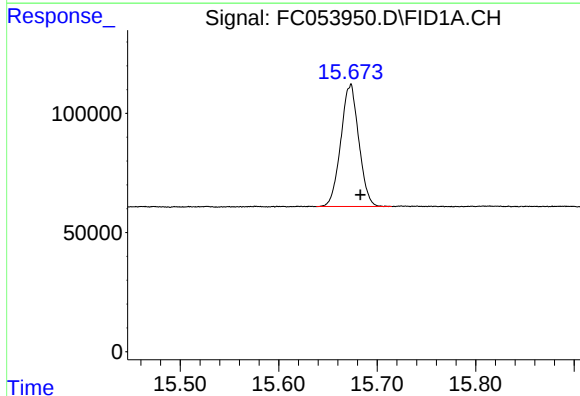
#13 n-Docosane (C22)

R.T.: 13.550 min
Delta R.T.: -0.012 min
Response: 660060
Conc: 4.94 ug/ml



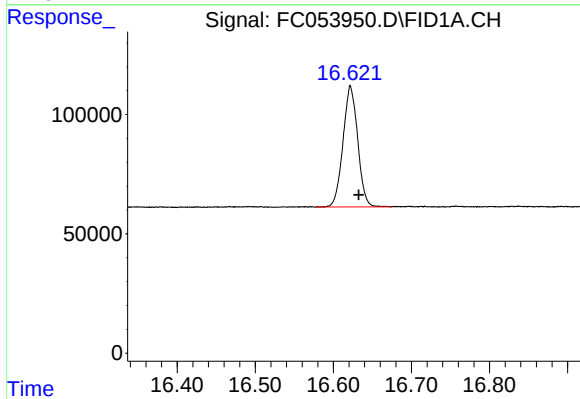
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: -0.012 min
Response: 657117
Conc: 4.91 ug/ml



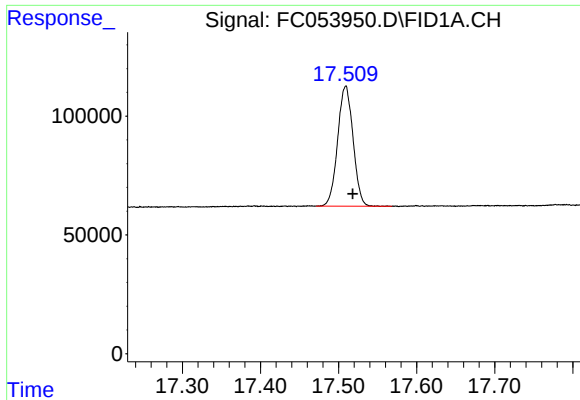
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: -0.010 min
Response: 649757
Conc: 4.89 ug/ml



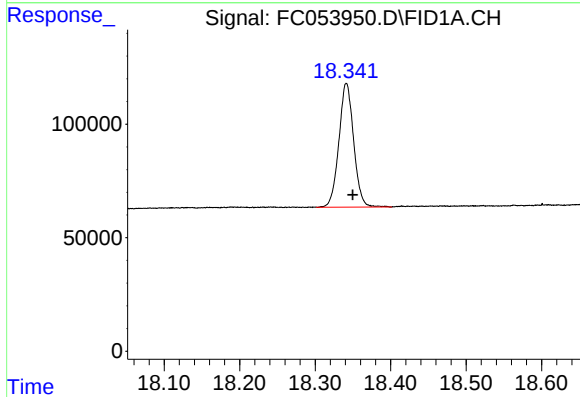
#16 n-Octacosane (C28)

R.T.: 16.622 min
Delta R.T.: -0.010 min
Response: 661390
Conc: 5.01 ug/ml



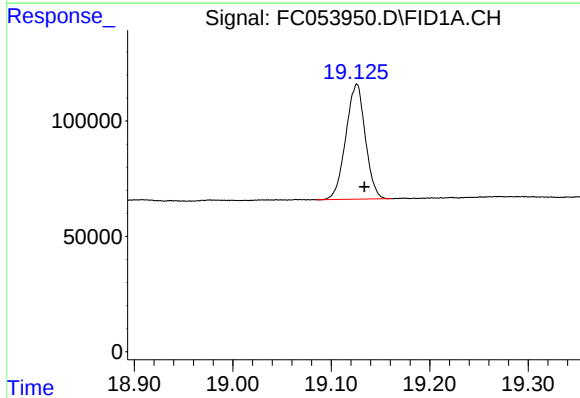
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: -0.009 min
Response: 691794
Conc: 5.33 ug/ml



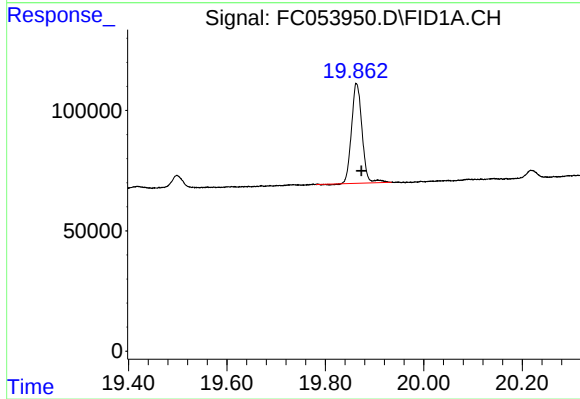
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: -0.008 min
Response: 739991
Conc: 5.92 ug/ml



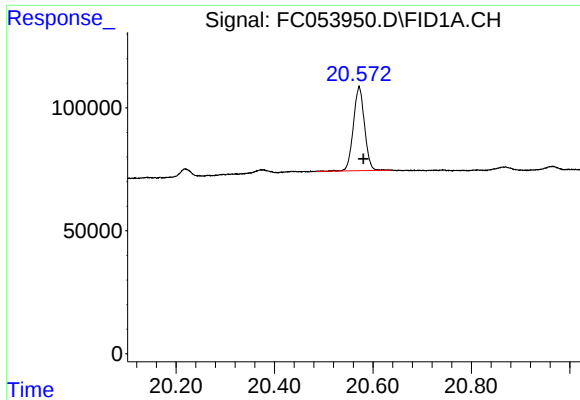
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: -0.008 min
Response: 683769
Conc: 5.74 ug/ml



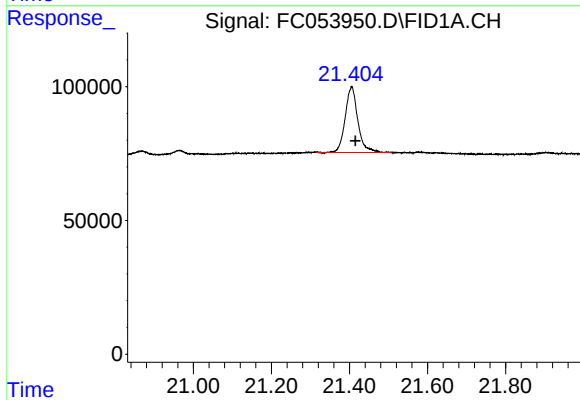
#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: -0.009 min
Response: 613862
Conc: 5.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: -0.009 min
Response: 535014
Conc: 5.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: -0.010 min
Response: 552034
Conc: 5.59 ug/ml