

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092718AL\
 Data File : FC036540.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2018 9:28
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 11:47:30 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 21 15:20:52 2018
 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)	11.386	2416480	19.875 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.827	1801229	19.130 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T n-Nonane (C9)	3.194	1793569	20.128 ug/ml
2) T n-Decane (C10)	4.260	1853303	20.616 ug/ml
3) T A~Naphthalene (C11.7)	5.830	2188304	21.832 ug/ml
4) T n-Dodecane (C12)	6.272	1933503	20.747 ug/ml
5) T A~2-methylnaphthalene...	6.881	2221023	22.091 ug/ml
6) T n-Tetradecane (C14)	8.056	2013452	20.584 ug/ml
7) T n-Hexadecane (C16)	9.649	2042104	19.870 ug/ml
8) T n-Octadecane (C18)	11.083	2100779	19.344 ug/ml
10) T n-Eicosane (C20)	12.387	2128503	19.241 ug/ml
11) T n-Heneicosane (C21)	12.996	2120693	19.296 ug/ml
13) T n-Docosane (C22)	13.580	2146158	19.656 ug/ml
14) T n-Tetracosane (C24)	14.677	2191569	20.073 ug/ml
15) T n-Hexacosane (C26)	15.695	2217033	20.523 ug/ml
16) T n-Octacosane (C28)	16.642	2267469	20.551 ug/ml
17) T n-Tricontane (C30)	17.525	2285601	19.643 ug/ml
18) T n-Dotriacontane (C32)	18.353	2345572	20.114 ug/ml
19) T n-Tetratriacontane (C34)	19.136	2273690	20.291 ug/ml
20) T n-Hexatriacontane (C36)	19.873	2126530	20.084 ug/mlm
21) T n-Octatriacontane (C38)	20.581	2288850	21.653 ug/ml
22) T n-Tetracontane (C40)	21.420	2085867	19.427 ug/ml

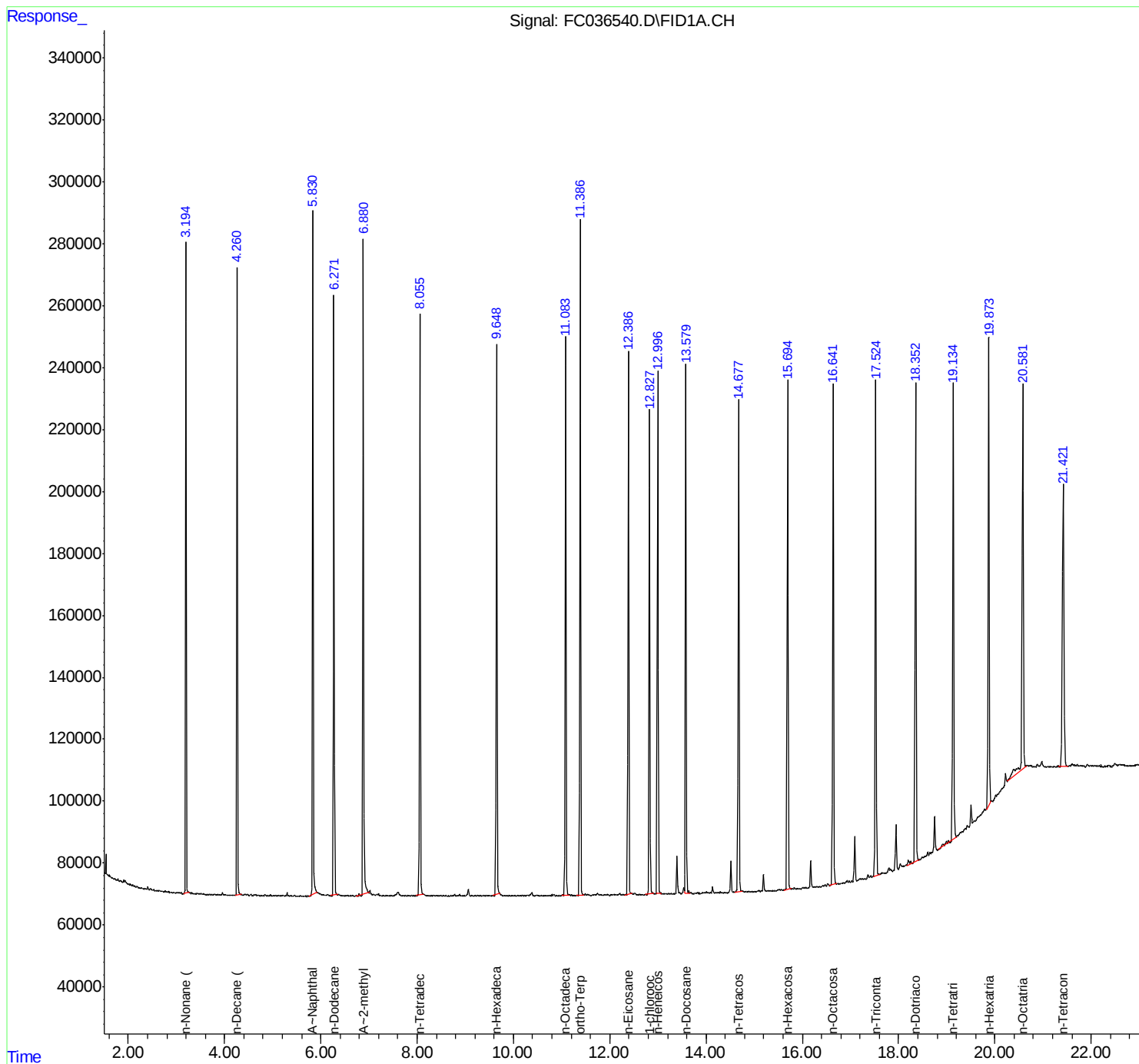
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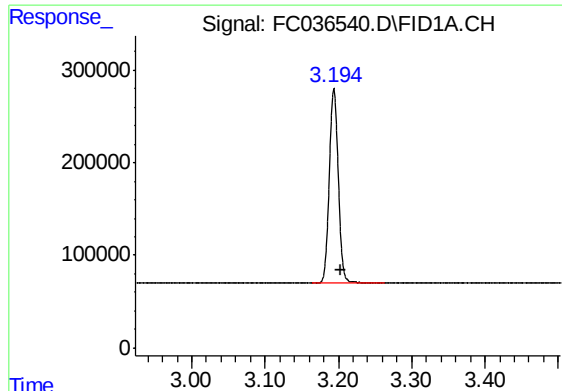
(m)=manual int.

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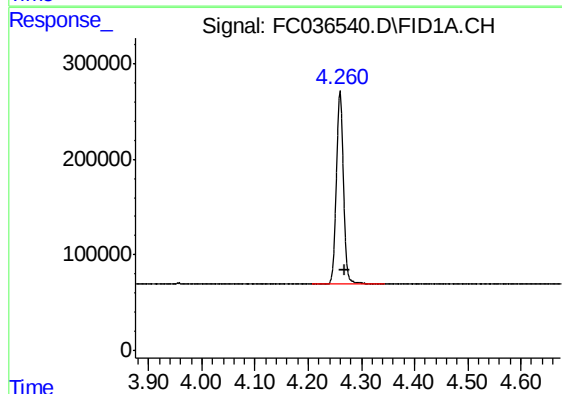
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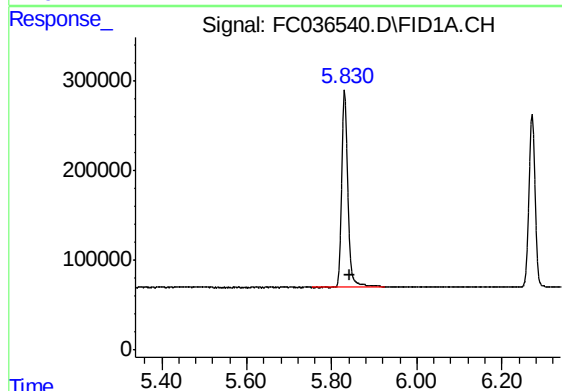
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.009 min
Response: 1793569
Conc: 20.13 ug/ml



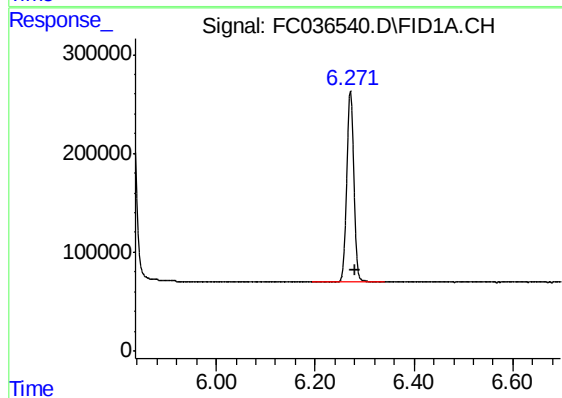
#2 n-Decane (C10)

R.T.: 4.260 min
Delta R.T.: -0.009 min
Response: 1853303
Conc: 20.62 ug/ml



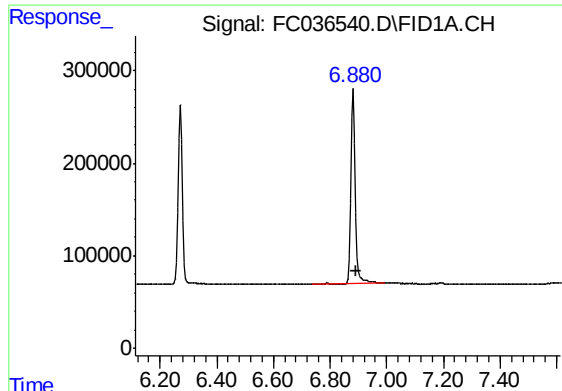
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.011 min
Response: 2188304
Conc: 21.83 ug/ml



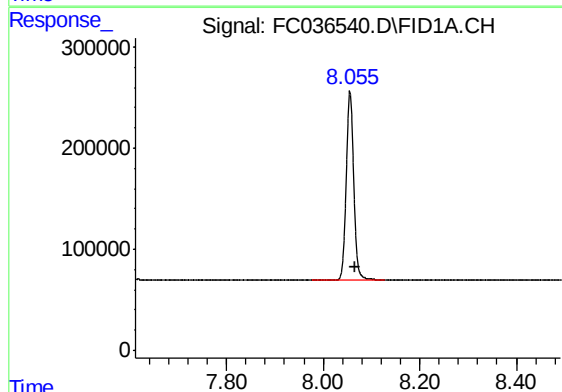
#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: -0.008 min
Response: 1933503
Conc: 20.75 ug/ml



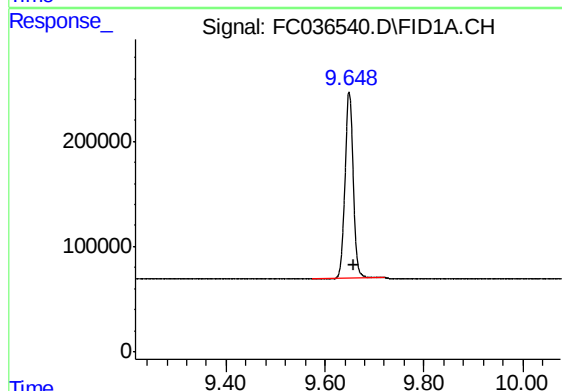
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.010 min
Response: 2221023
Conc: 22.09 ug/ml



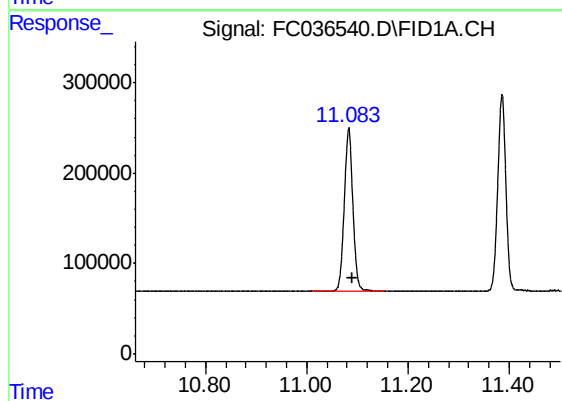
#6 n-Tetradecane (C14)

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 2013452
Conc: 20.58 ug/ml



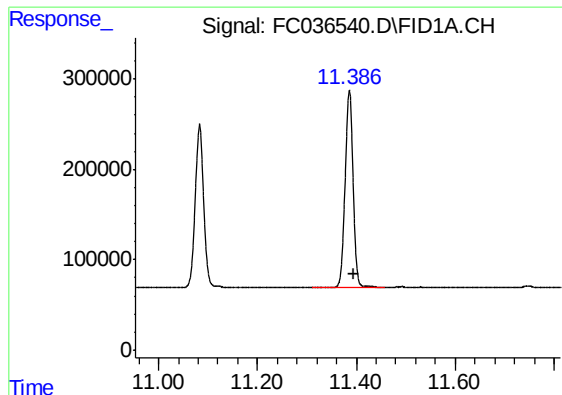
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: -0.008 min
Response: 2042104
Conc: 19.87 ug/ml



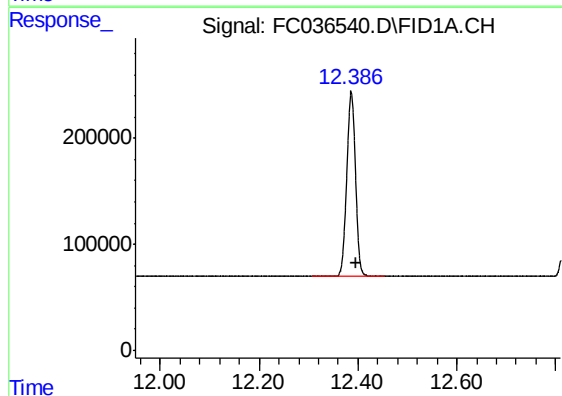
#8 n-Octadecane (C18)

R.T.: 11.083 min
Delta R.T.: -0.008 min
Response: 2100779
Conc: 19.34 ug/ml



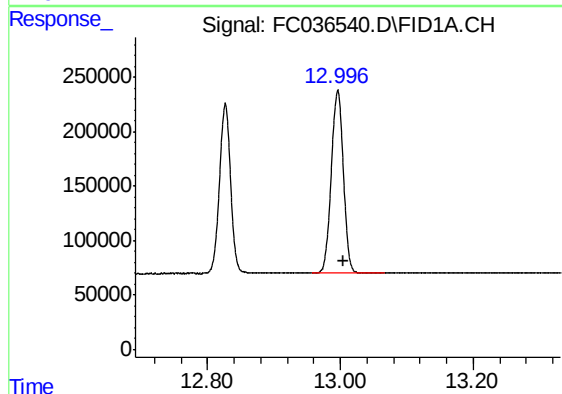
#9 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 2416480
Conc: 19.87 ug/ml



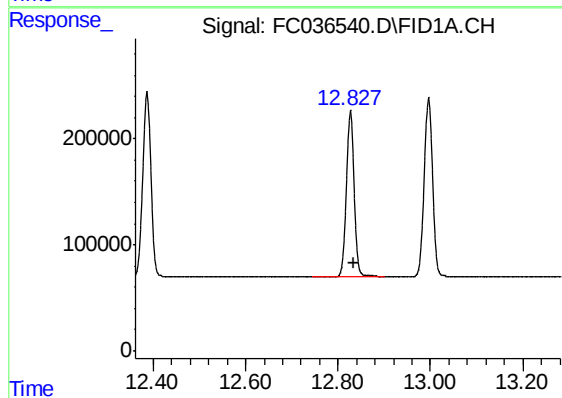
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: -0.009 min
Response: 2128503
Conc: 19.24 ug/ml



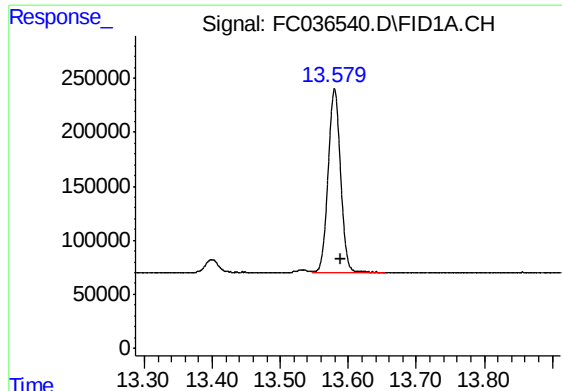
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: -0.009 min
Response: 2120693
Conc: 19.30 ug/ml



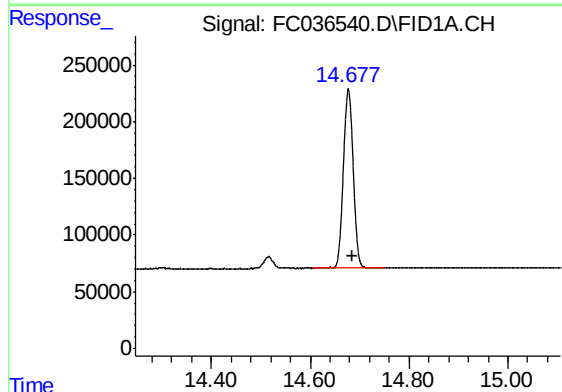
#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: -0.008 min
Response: 1801229
Conc: 19.13 ug/ml



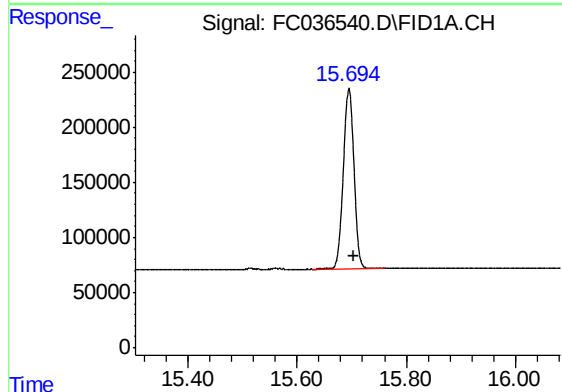
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: -0.009 min
Response: 2146158
Conc: 19.66 ug/ml



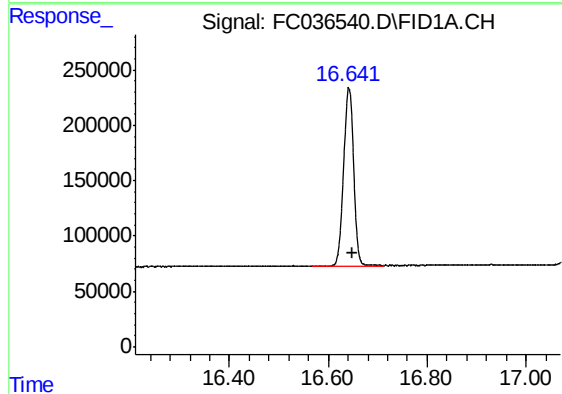
#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: -0.009 min
Response: 2191569
Conc: 20.07 ug/ml



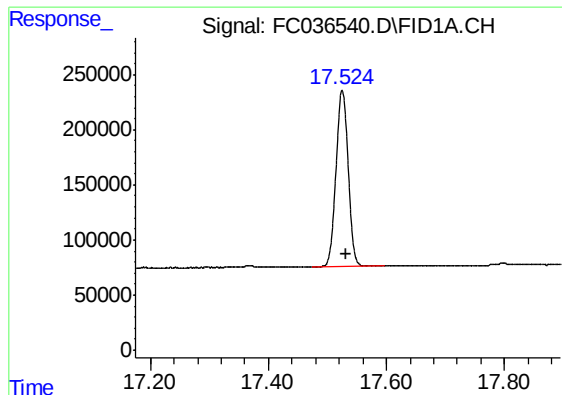
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: -0.009 min
Response: 2217033
Conc: 20.52 ug/ml



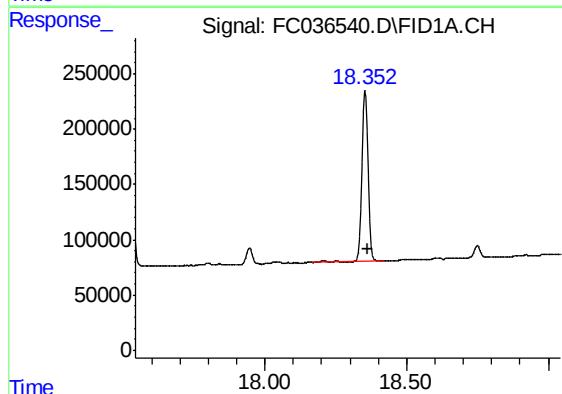
#16 n-Octacosane (C28)

R.T.: 16.642 min
Delta R.T.: -0.007 min
Response: 2267469
Conc: 20.55 ug/ml



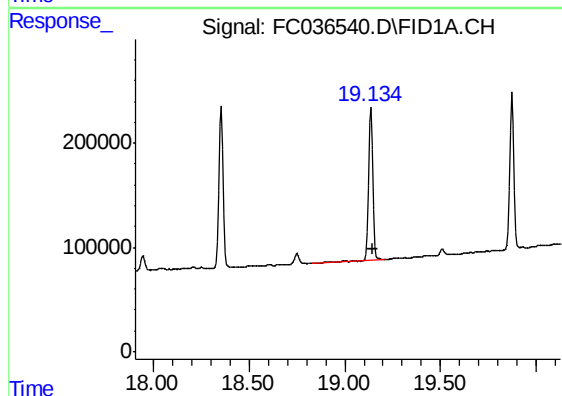
#17 n-Tricontane (C30)

R.T.: 17.525 min
Delta R.T.: -0.007 min
Response: 2285601
Conc: 19.64 ug/ml



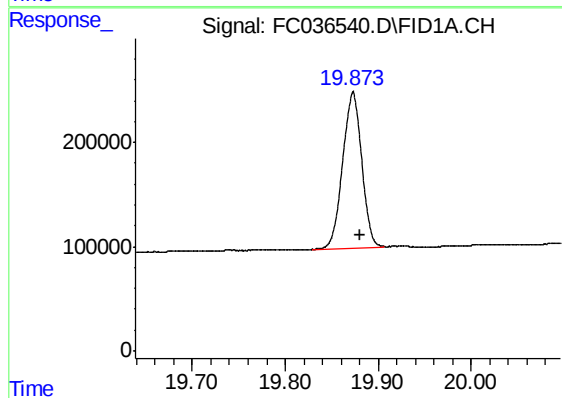
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: -0.009 min
Response: 2345572
Conc: 20.11 ug/ml



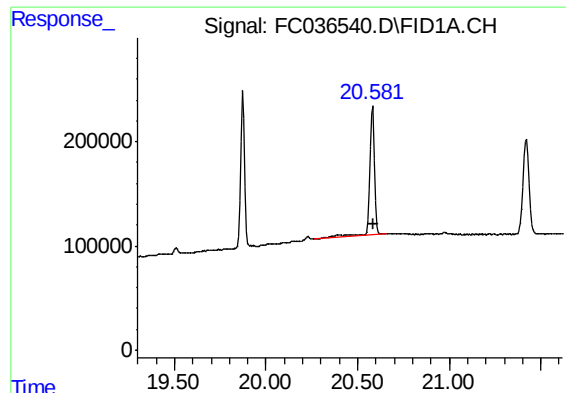
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min
Delta R.T.: -0.008 min
Response: 2273690
Conc: 20.29 ug/ml



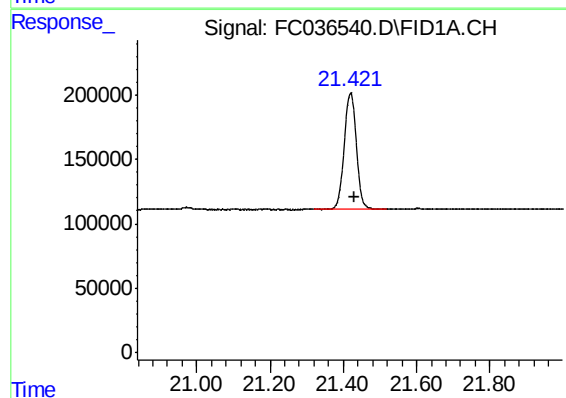
#20 n-Hexatriacontane (C36)

R.T.: 19.873 min
Delta R.T.: -0.007 min
Response: 2126530
Conc: 20.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.581 min
Delta R.T.: -0.010 min
Response: 2288850
Conc: 21.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.420 min
Delta R.T.: -0.011 min
Response: 2085867
Conc: 19.43 ug/ml