

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
 Data File : FC051600.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2021 3:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 07 04:38:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.555	2207607	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	12.989	1691771	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.320	2067959	20.961 ug/ml
2) T n-Decane (C10)	4.387	2089600	21.132 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2138653	20.449 ug/ml
4) T n-Dodecane (C12)	6.404	2144586	20.978 ug/ml
5) T A~2-methylnaphthalene...	7.035	2148327	20.452 ug/ml
6) T n-Tetradecane (C14)	8.197	2098618	20.688 ug/ml
7) T n-Hexadecane (C16)	9.797	2033097	20.186 ug/ml
8) T n-Octadecane (C18)	11.237	2093645	19.630 ug/ml
10) T n-Eicosane (C20)	12.545	2068253	19.206 ug/ml
11) T n-Heneicosane (C21)	13.155	2021234	18.844 ug/ml
13) T n-Docosane (C22)	13.741	1992555	18.658 ug/ml
14) T n-Tetracosane (C24)	14.842	1977469	18.683 ug/ml
15) T n-Hexacosane (C26)	15.861	1927110	18.606 ug/ml
16) T n-Octacosane (C28)	16.809	1931099	18.967 ug/ml
17) T n-Tricontane (C30)	17.695	1926963	19.567 ug/ml
18) T n-Dotriacontane (C32)	18.525	1880831	20.760 ug/ml
19) T n-Tetratriacontane (C34)	19.308	1802453	21.206 ug/ml
20) T n-Hexatriacontane (C36)	20.045	1677979	19.789 ug/mlm
21) T n-Octatriacontane (C38)	20.776	1602723	20.934 ug/ml
22) T n-Tetracontane (C40)	21.680	1764055	22.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
Data File : FC051600.D
Signal(s) : FID1A.CH
Acq On : 07 Jan 2021 3:18
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

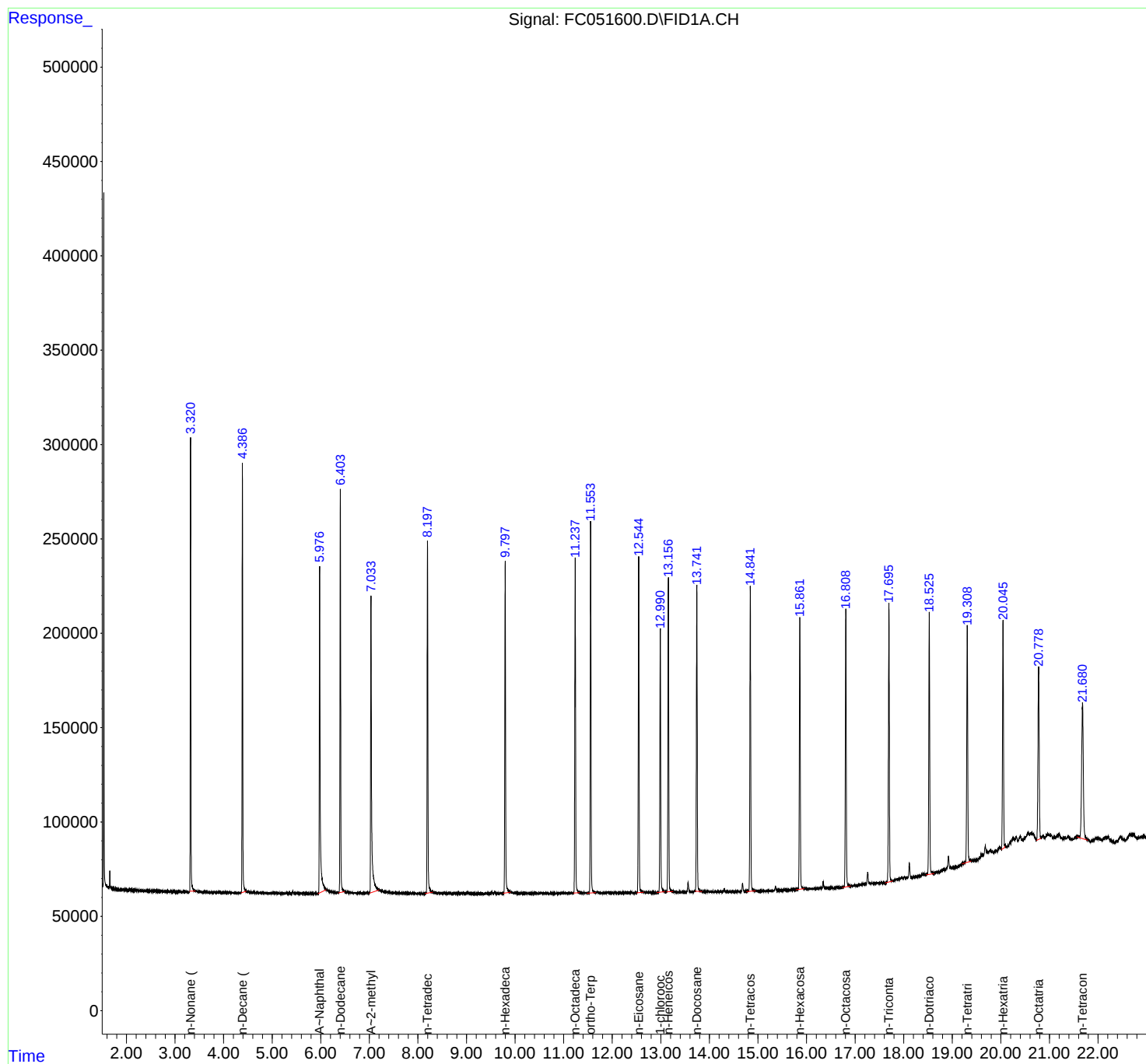
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

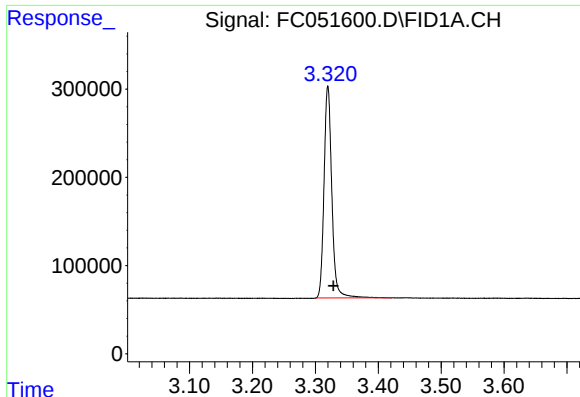
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Integration File: autoint1.e
Quant Time: Jan 07 04:38:20 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122120.M
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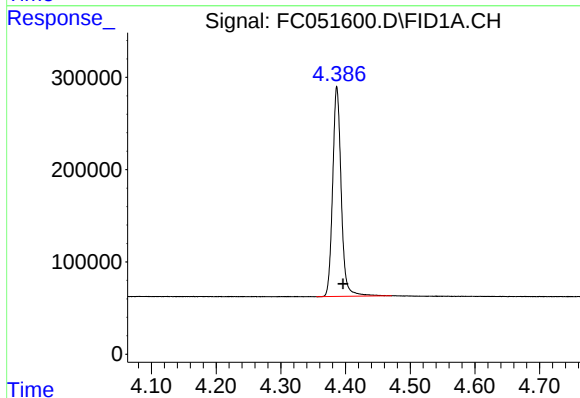
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.009 min
Response: 2067959
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

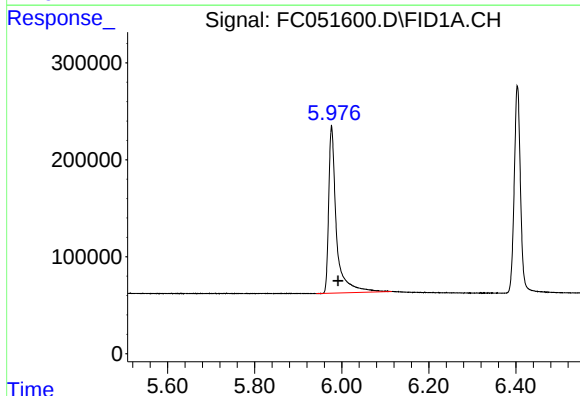
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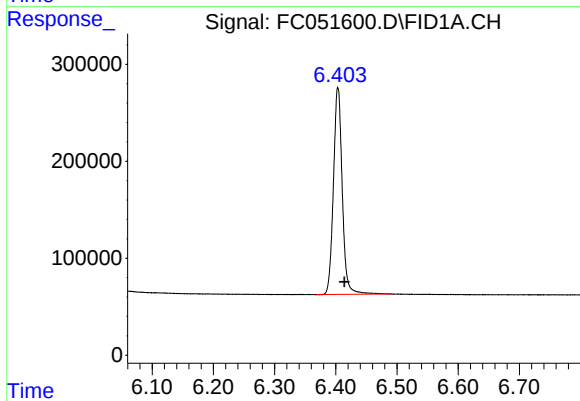
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.010 min
Response: 2089600
Conc: 21.13 ug/ml



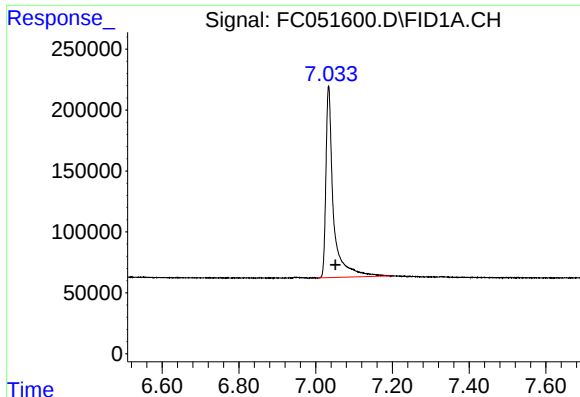
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.015 min
Response: 2138653
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.010 min
Response: 2144586
Conc: 20.98 ug/ml



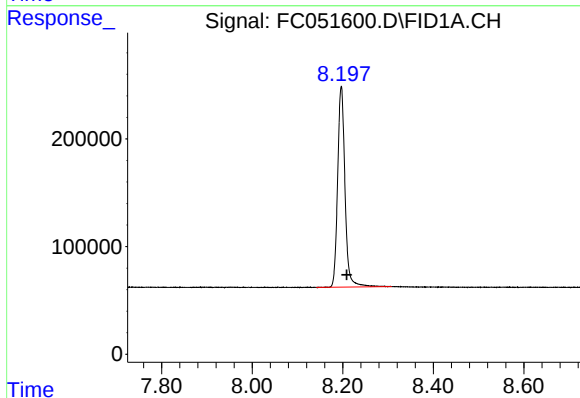
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.017 min
Response: 2148327
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

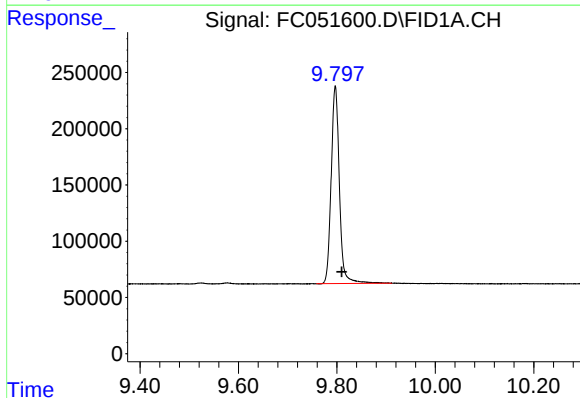
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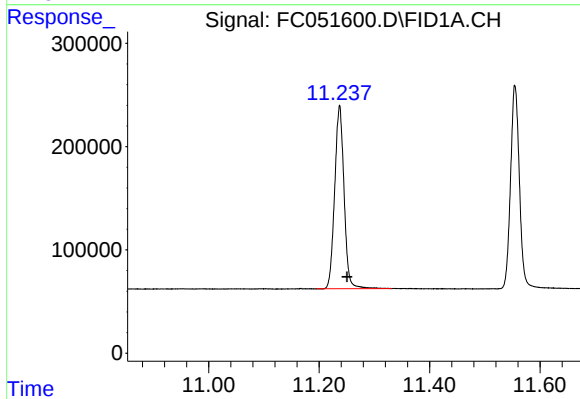
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2098618
Conc: 20.69 ug/ml



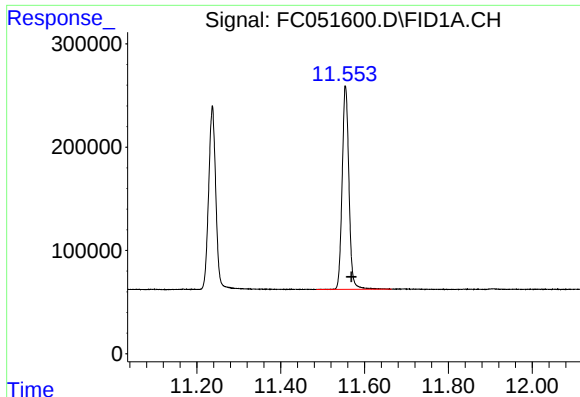
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2033097
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.014 min
Response: 2093645
Conc: 19.63 ug/ml



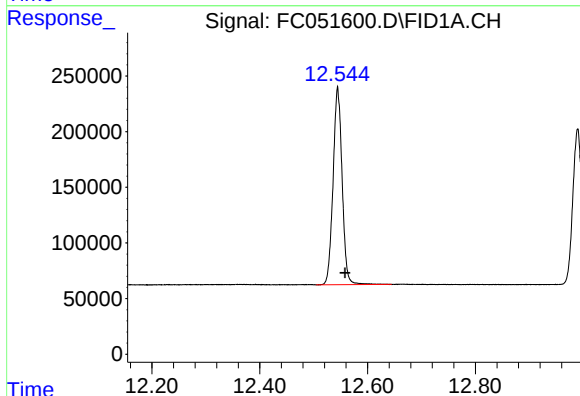
#9 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: -0.014 min
Response: 2207607
Conc: 19.05 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

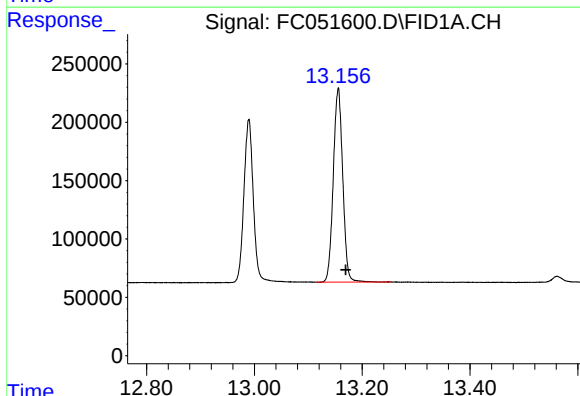
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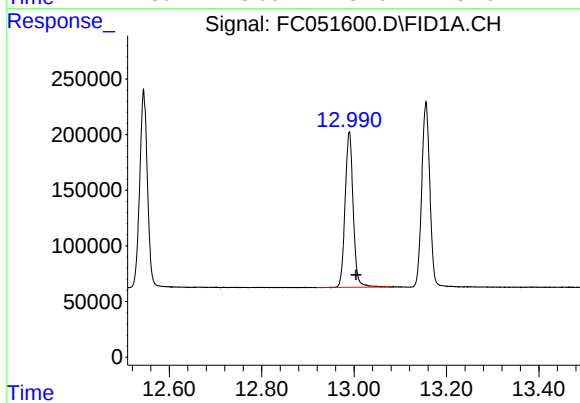
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.014 min
Response: 2068253
Conc: 19.21 ug/ml



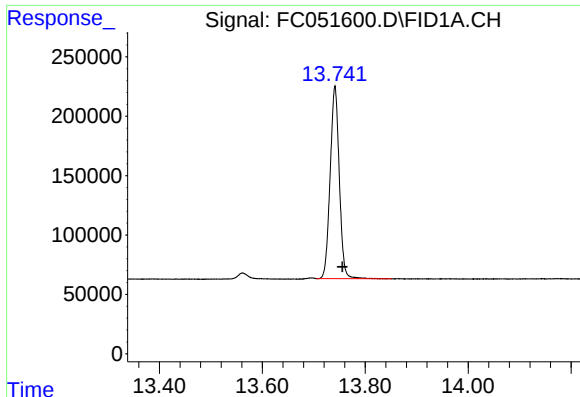
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.014 min
Response: 2021234
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: -0.015 min
Response: 1691771
Conc: 18.75 ug/ml



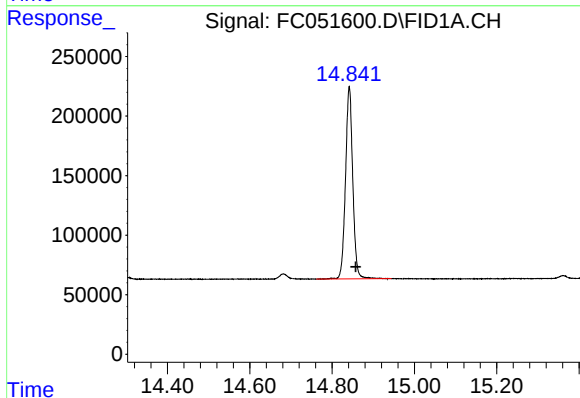
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.015 min
Response: 1992555
Conc: 18.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

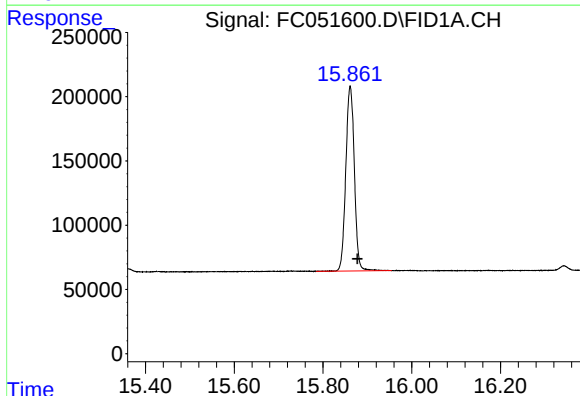
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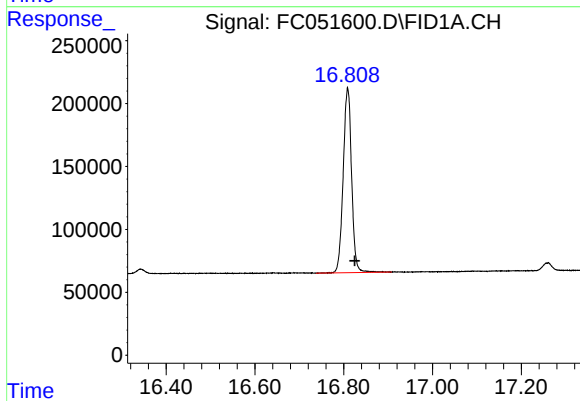
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.016 min
Response: 1977469
Conc: 18.68 ug/ml



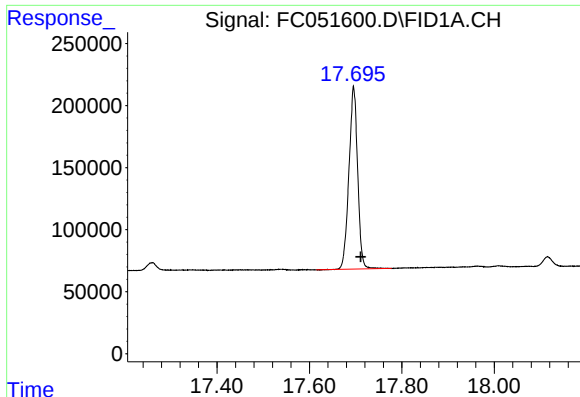
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.016 min
Response: 1927110
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.809 min
Delta R.T.: -0.016 min
Response: 1931099
Conc: 18.97 ug/ml



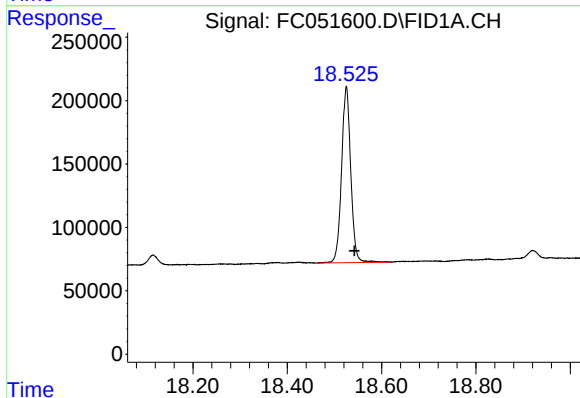
#17 n-Tricontane (C30)

R.T.: 17.695 min
Delta R.T.: -0.016 min
Response: 1926963
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

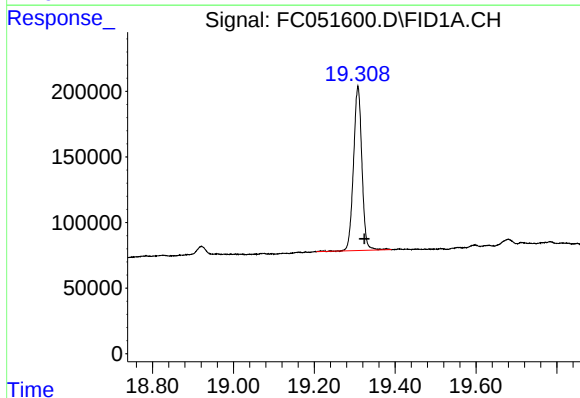
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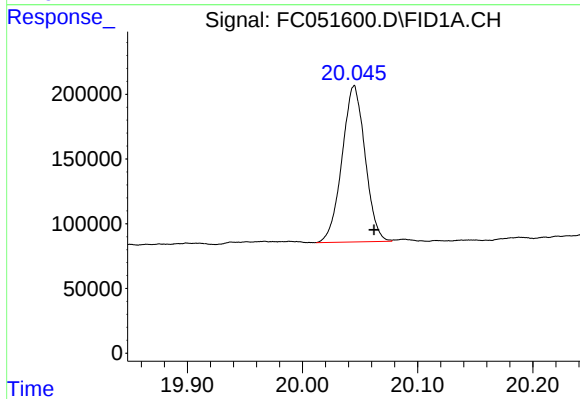
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.017 min
Response: 1880831
Conc: 20.76 ug/ml



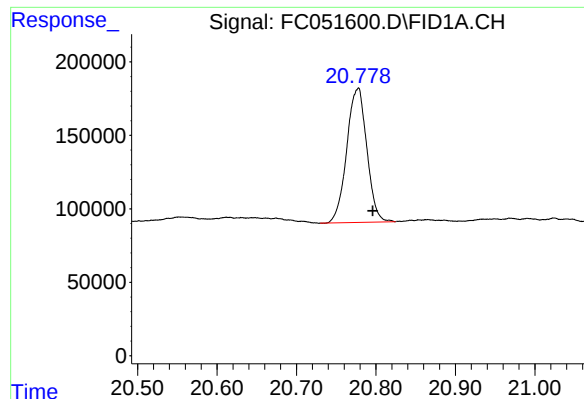
#19 n-Tetratriacontane (C34)

R.T.: 19.308 min
Delta R.T.: -0.016 min
Response: 1802453
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: -0.017 min
Response: 1677979
Conc: 19.79 ug/ml m



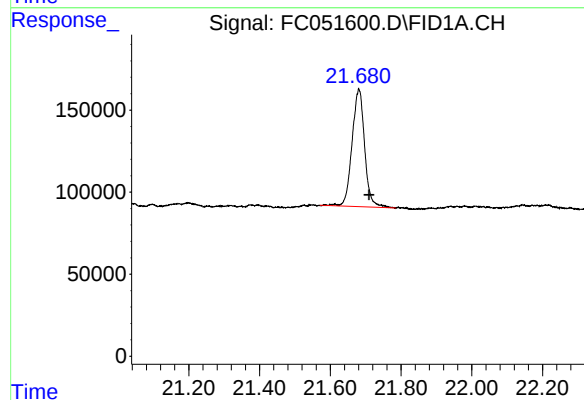
#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.020 min
Response: 1602723
Conc: 20.93 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.029 min
Response: 1764055
Conc: 22.31 ug/ml