

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030321AL\
 Data File : FC052198.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 3:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 04 03:58:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.617	2715757	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
12) S 1-chlorooctadecane (S...	13.055	2148591	20.660 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	3.357	2440424	20.703 ug/ml
2) T n-Decane (C10)	4.426	2459895	20.712 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2751431	20.722 ug/ml
4) T n-Dodecane (C12)	6.450	2506250	20.732 ug/ml
5) T A~2-methylnaphthalene...	7.076	2810036	20.703 ug/ml
6) T n-Tetradecane (C14)	8.250	2509116	20.695 ug/ml
7) T n-Hexadecane (C16)	9.854	2469786	20.642 ug/ml
8) T n-Octadecane (C18)	11.299	2557089	20.657 ug/ml
10) T n-Eicosane (C20)	12.610	2534021	20.565 ug/ml
11) T n-Heneicosane (C21)	13.223	2508519	20.549 ug/ml
13) T n-Docosane (C22)	13.810	2469386	20.523 ug/ml
14) T n-Tetracosane (C24)	14.914	2385149	20.459 ug/ml
15) T n-Hexacosane (C26)	15.938	2233010	20.327 ug/ml
16) T n-Octacosane (C28)	16.888	2077577	20.269 ug/ml
17) T n-Tricontane (C30)	17.776	1883309	20.005 ug/ml
18) T n-Dotriacontane (C32)	18.608	1687139	19.760 ug/ml
19) T n-Tetratriacontane (C34)	19.393	1558780	20.106 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1457676	20.286 ug/ml
21) T n-Octatriacontane (C38)	20.877	1387110	20.249 ug/ml
22) T n-Tetracontane (C40)	21.801	1454605	20.228 ug/ml

(f)=RT Delta > 1/2 Window

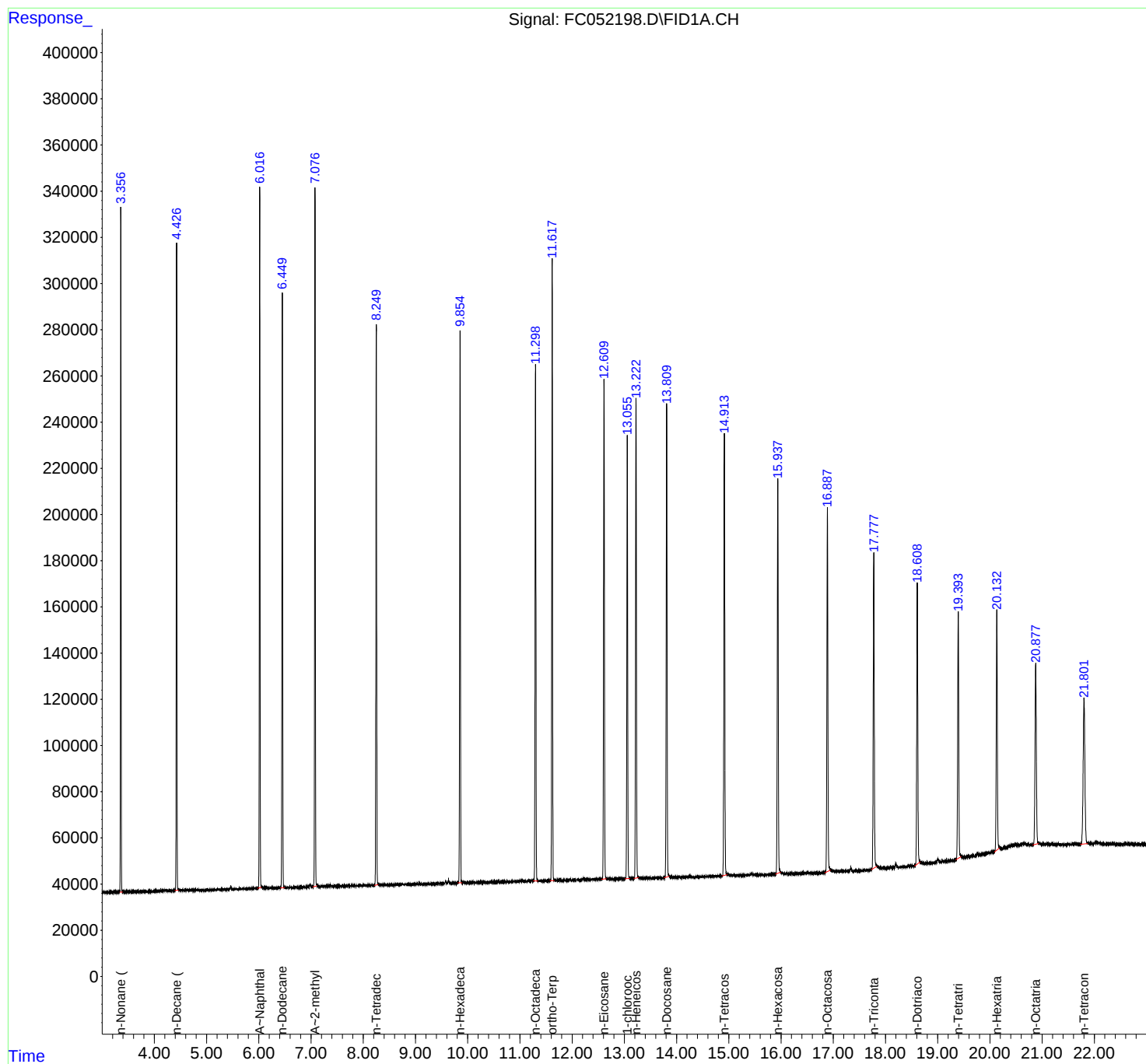
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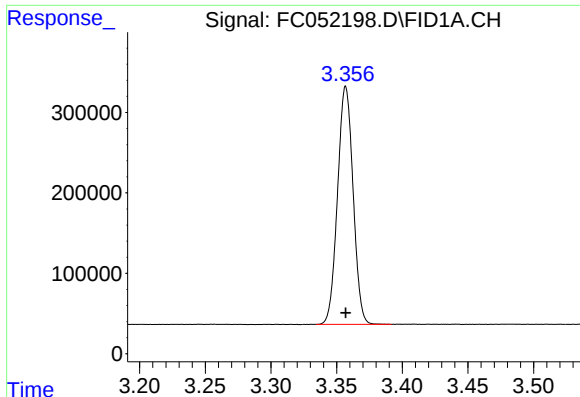
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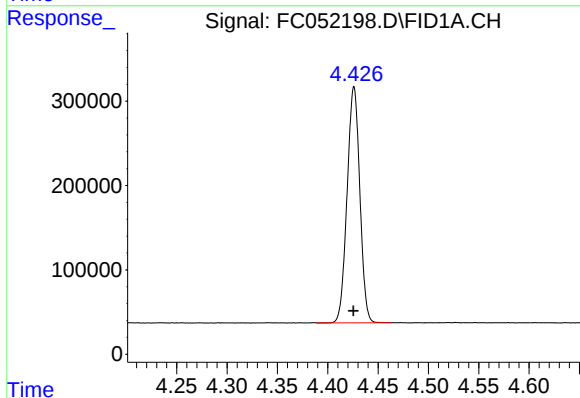




#1 n-Nonane (C9)

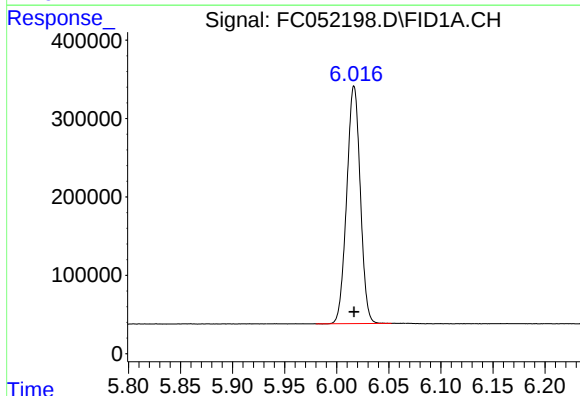
R.T.: 3.357 min
Delta R.T.: 0.000 min
Response: 2440424
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



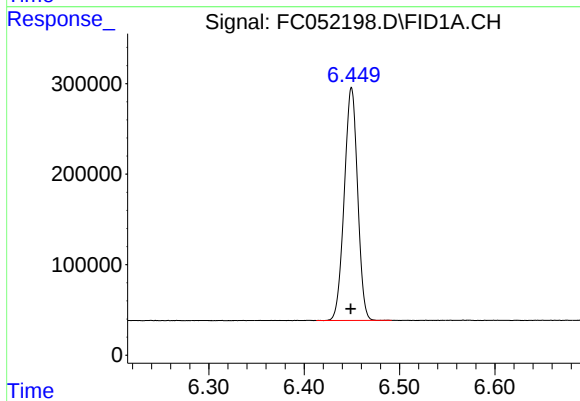
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 2459895
Conc: 20.71 ug/ml



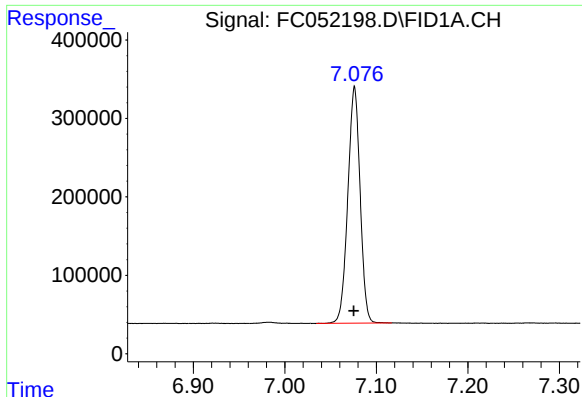
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2751431
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

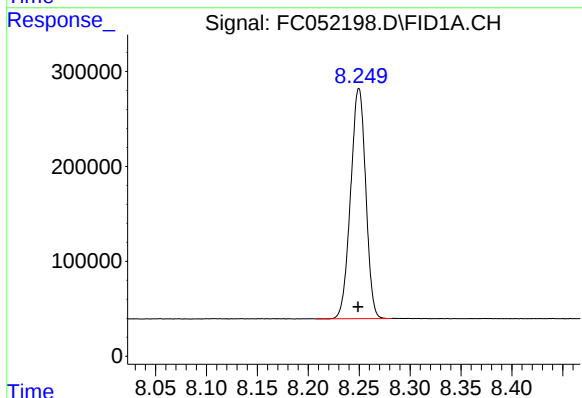
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 2506250
Conc: 20.73 ug/ml



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

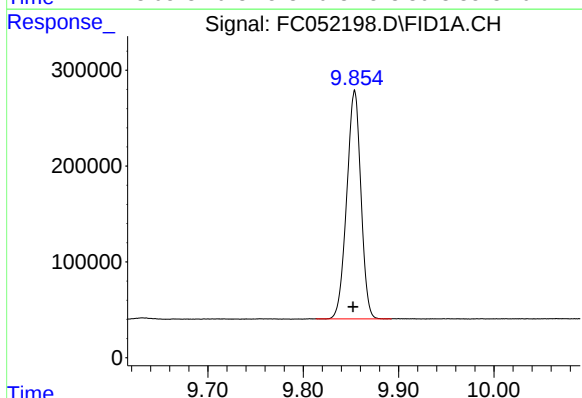
R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 2810036
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



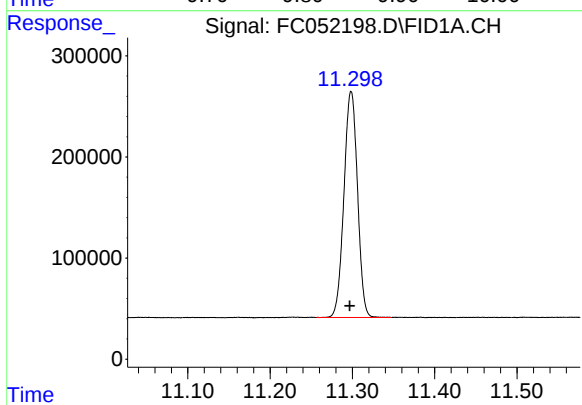
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 2509116
Conc: 20.70 ug/ml



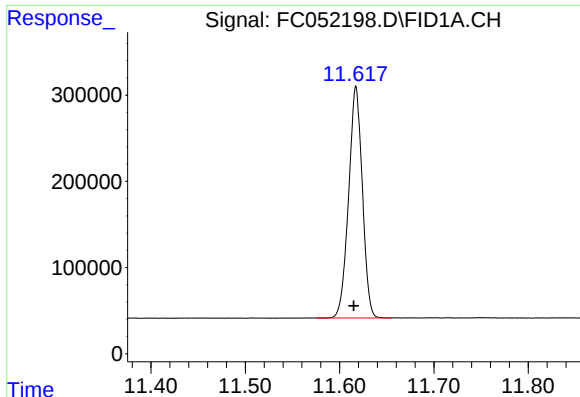
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.002 min
Response: 2469786
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

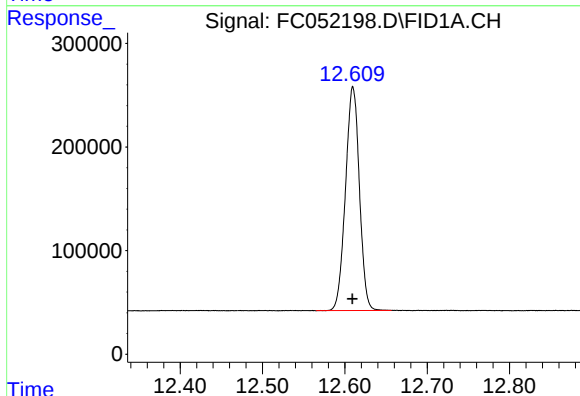
R.T.: 11.299 min
Delta R.T.: 0.002 min
Response: 2557089
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

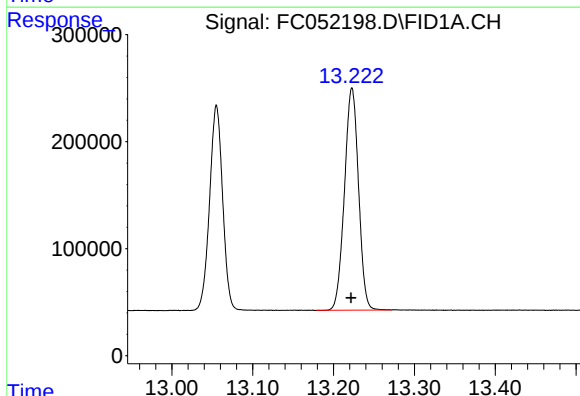
R.T.: 11.617 min
Delta R.T.: 0.002 min
Response: 2715757
Conc: 20.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



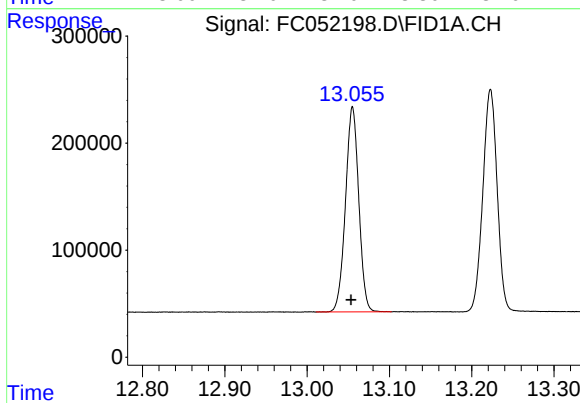
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 2534021
Conc: 20.57 ug/ml



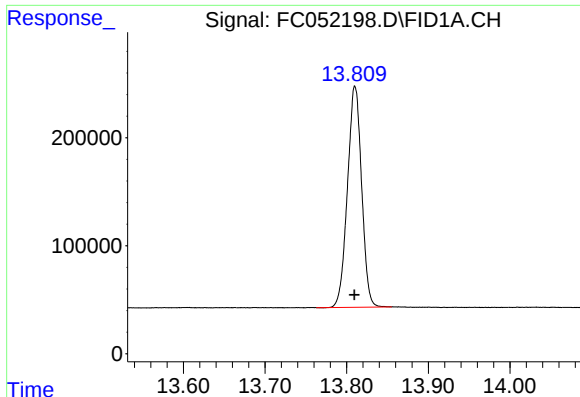
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: 0.001 min
Response: 2508519
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

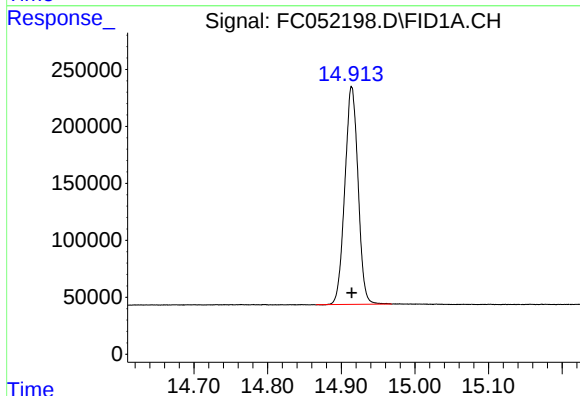
R.T.: 13.055 min
Delta R.T.: 0.002 min
Response: 2148591
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

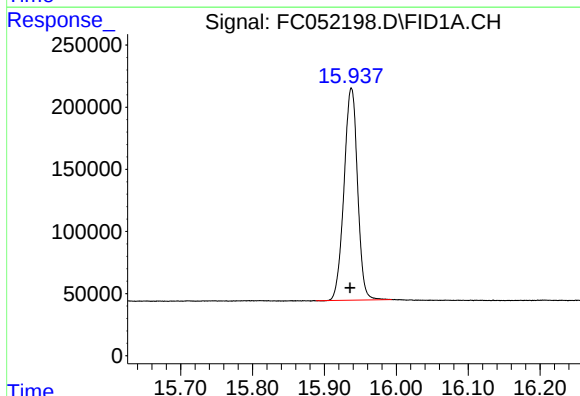
R.T.: 13.810 min
Delta R.T.: 0.000 min
Response: 2469386
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



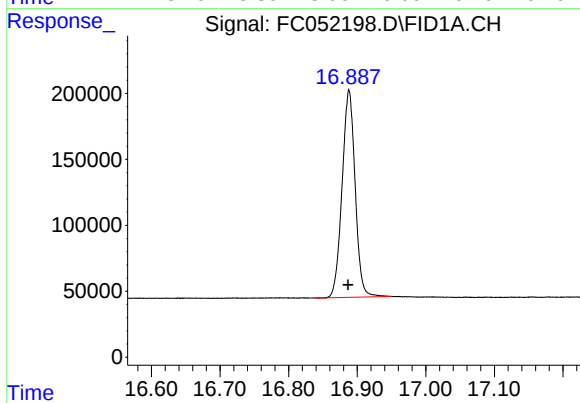
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 2385149
Conc: 20.46 ug/ml



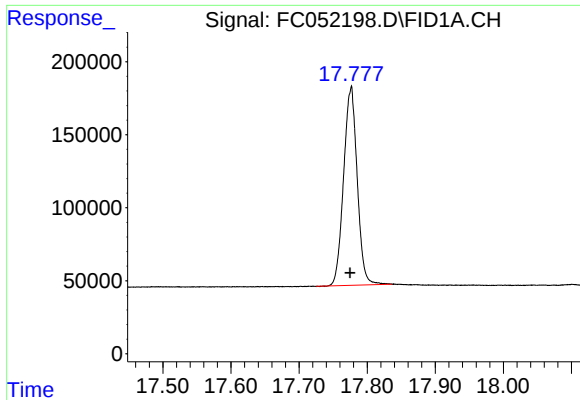
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: 0.002 min
Response: 2233010
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

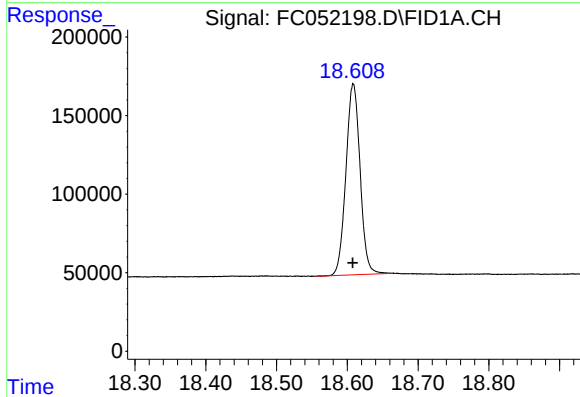
R.T.: 16.888 min
Delta R.T.: 0.002 min
Response: 2077577
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

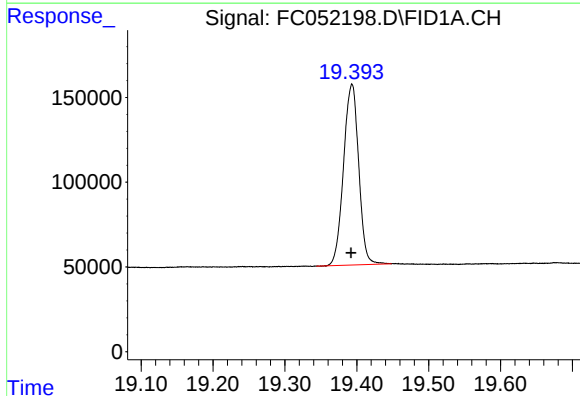
R.T.: 17.776 min
Delta R.T.: 0.002 min
Response: 1883309
Conc: 20.01 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



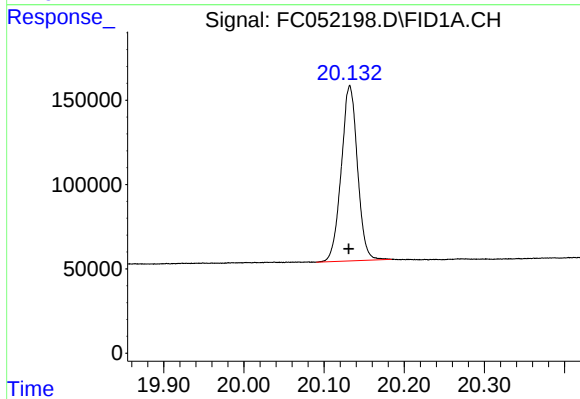
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: 0.001 min
Response: 1687139
Conc: 19.76 ug/ml



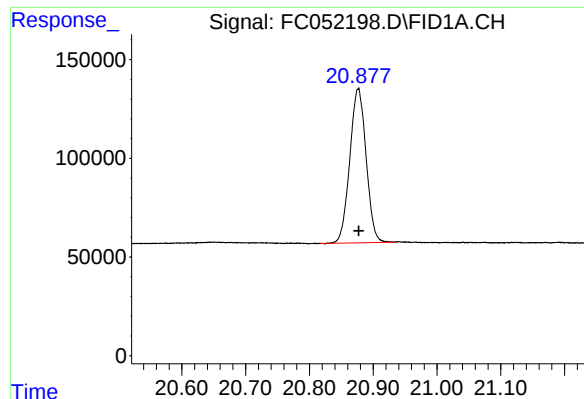
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: 0.001 min
Response: 1558780
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

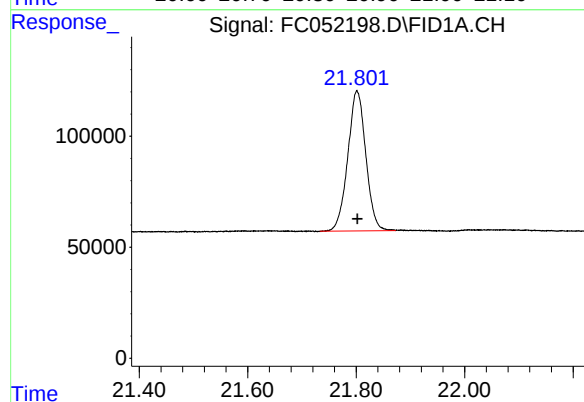
R.T.: 20.132 min
Delta R.T.: 0.001 min
Response: 1457676
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: 0.000 min
Response: 1387110
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.001 min
Response: 1454605
Conc: 20.23 ug/ml