

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AL\
 Data File : FD036309.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 1:27
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 04 02:23:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 02:02:29 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)	11.511	701999	4.952 ug/ml
Spiked Amount 50.000		Recovery =	9.90%
12) S 1-chlorooctadecane (S...	12.944	568853	4.973 ug/ml
Spiked Amount 50.000		Recovery =	9.95%
Target Compounds			
1) T n-Nonane (C9)	3.305	591176	4.919 ug/ml
2) T n-Decane (C10)	4.367	598419	4.929 ug/ml
3) T A~Naphthalene (C11.7)	5.946	672365	4.920 ug/ml
4) T n-Dodecane (C12)	6.378	611026	4.924 ug/ml
5) T A~2-methylnaphthalene...	6.998	686056	4.898 ug/ml
6) T n-Tetradecane (C14)	8.167	618170	4.903 ug/ml
7) T n-Hexadecane (C16)	9.762	620788	4.916 ug/ml
8) T n-Octadecane (C18)	11.197	658121	4.958 ug/ml
10) T n-Eicosane (C20)	12.502	673569	5.008 ug/ml
11) T n-Heneicosane (C21)	13.111	678209	5.038 ug/ml
13) T n-Docosane (C22)	13.694	673929	5.000 ug/ml
14) T n-Tetracosane (C24)	14.792	675784	5.023 ug/ml
15) T n-Hexacosane (C26)	15.809	662438	5.010 ug/ml
16) T n-Octacosane (C28)	16.753	651426	5.004 ug/ml
17) T n-Tricontane (C30)	17.635	639588	5.060 ug/ml
18) T n-Dotriacontane (C32)	18.462	605640	5.076 ug/ml
19) T n-Tetratriacontane (C34)	19.241	564218	5.031 ug/ml
20) T n-Hexatriacontane (C36)	19.976	501505	4.874 ug/ml
21) T n-Octatriacontane (C38)	20.689	463516	4.893 ug/ml
22) T n-Tetracontane (C40)	21.547	459640	4.826 ug/ml

(f)=RT Delta > 1/2 Window

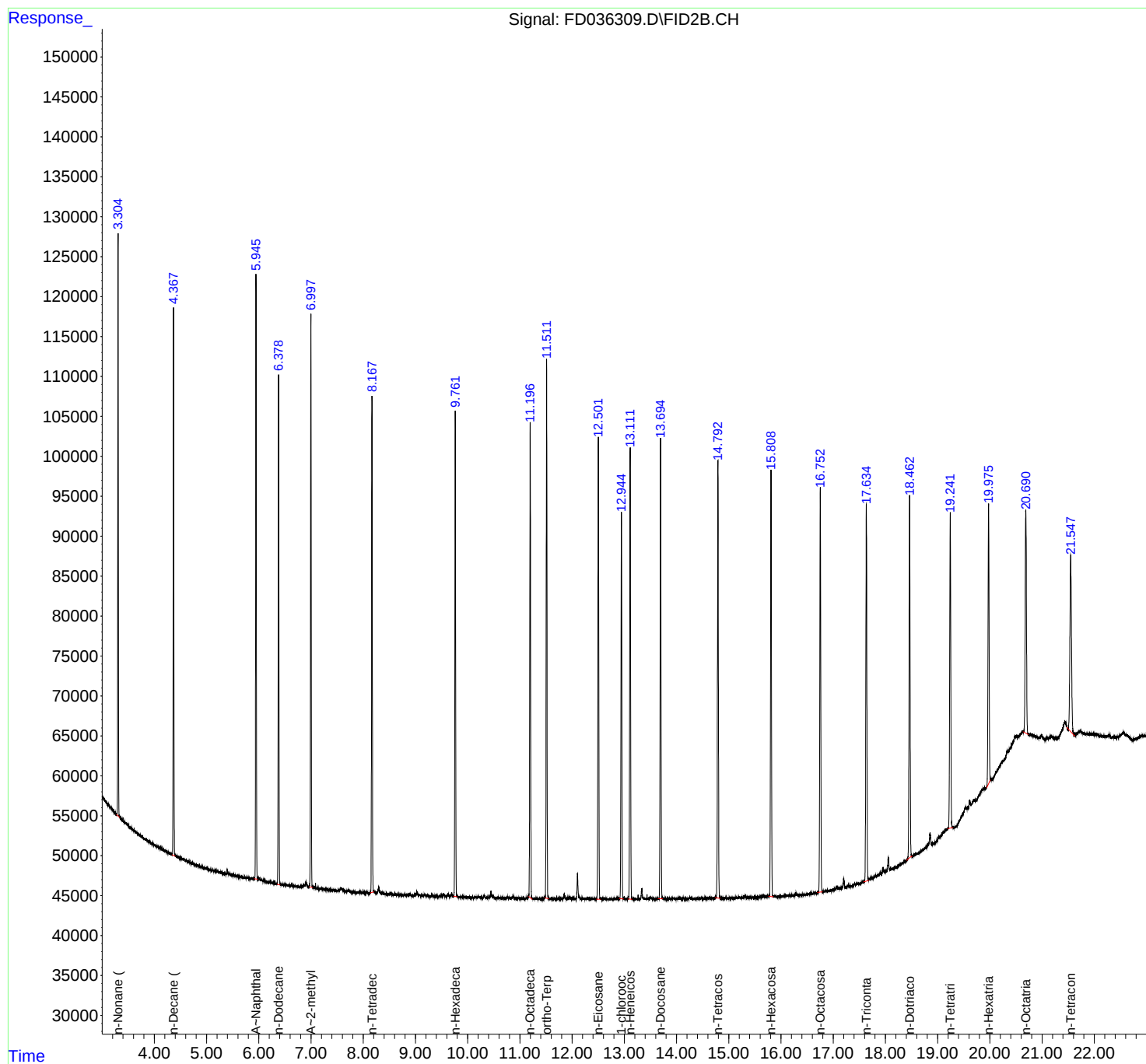
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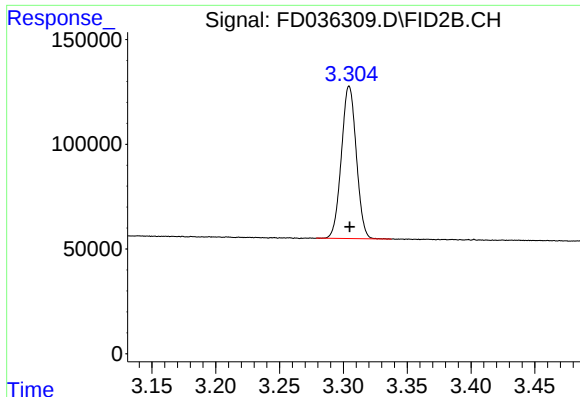
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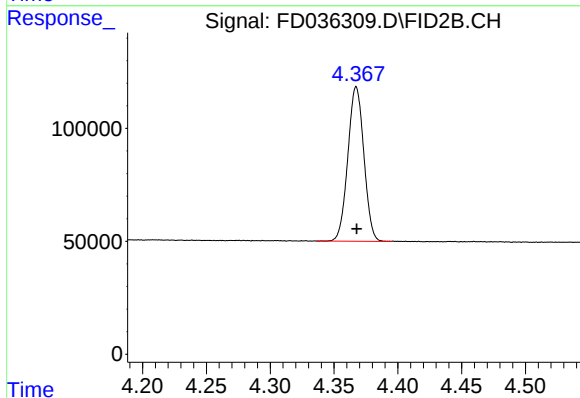




#1 n-Nonane (C9)

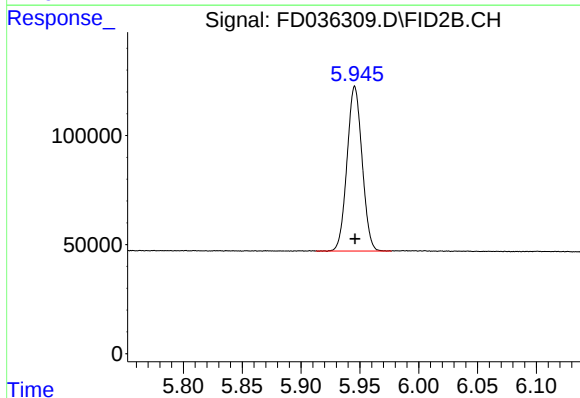
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 591176
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



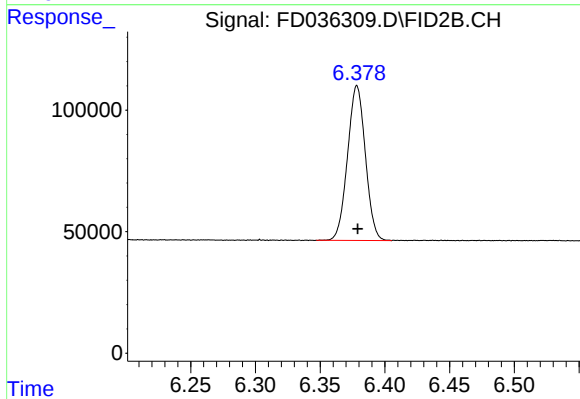
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 598419
Conc: 4.93 ug/ml



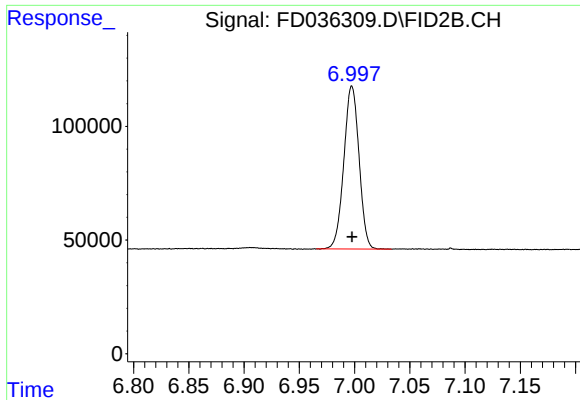
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 672365
Conc: 4.92 ug/ml



#4 n-Dodecane (C12)

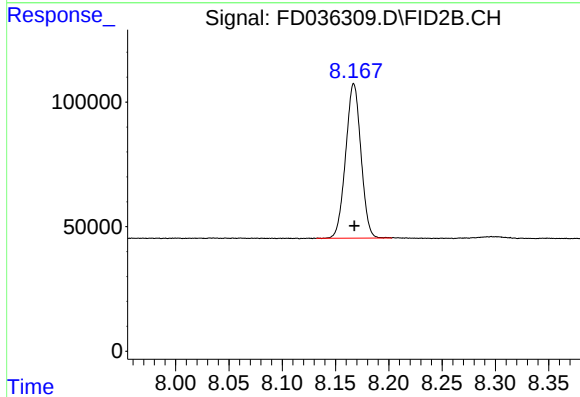
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 611026
Conc: 4.92 ug/ml



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

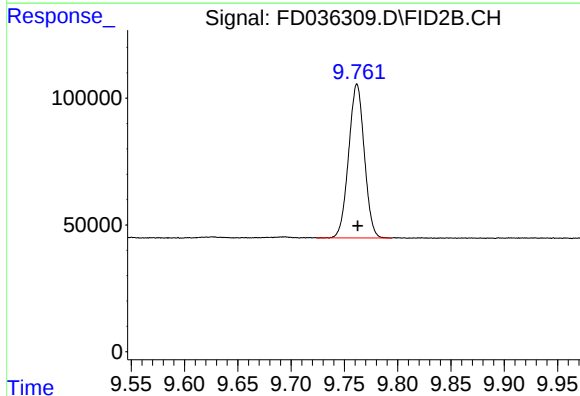
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 686056
Conc: 4.90 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



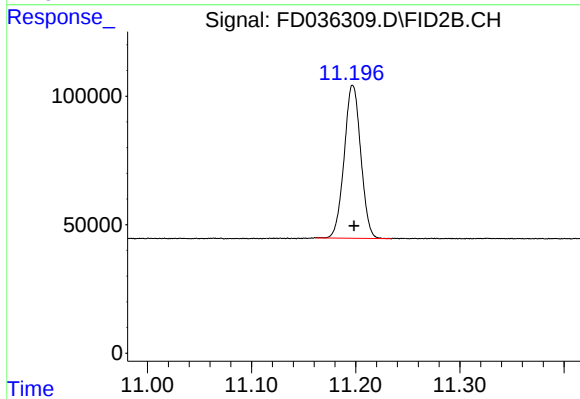
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 618170
Conc: 4.90 ug/ml



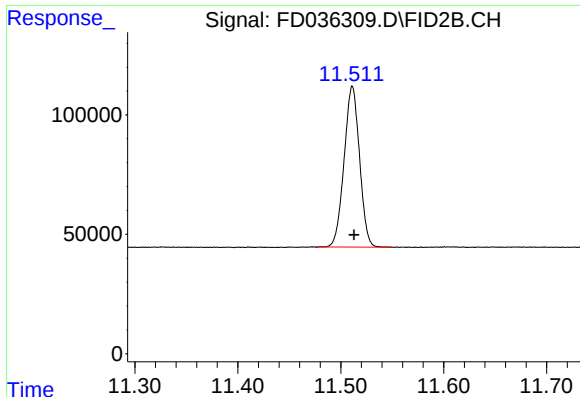
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 620788
Conc: 4.92 ug/ml



#8 n-Octadecane (C18)

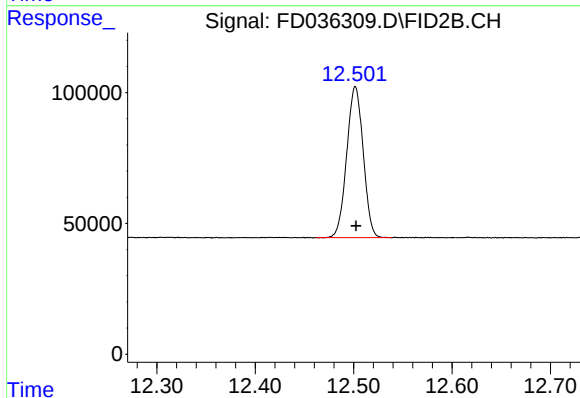
R.T.: 11.197 min
Delta R.T.: -0.001 min
Response: 658121
Conc: 4.96 ug/ml



#9 ortho-Terphenyl (SURR)

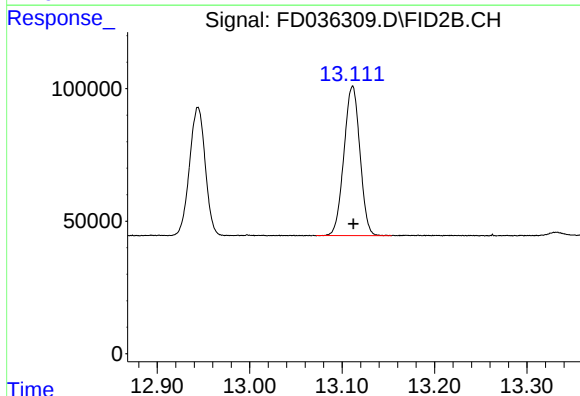
R.T.: 11.511 min
Delta R.T.: -0.002 min
Response: 701999
Conc: 4.95 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



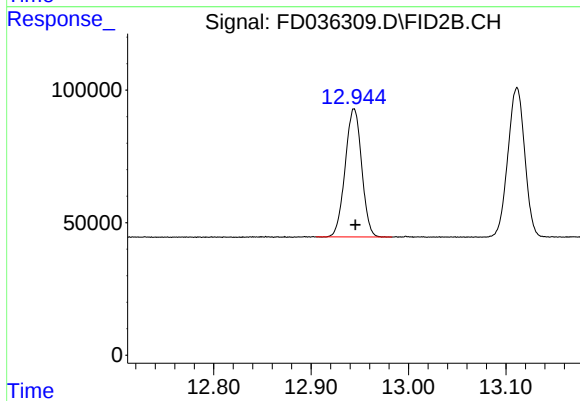
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.000 min
Response: 673569
Conc: 5.01 ug/ml



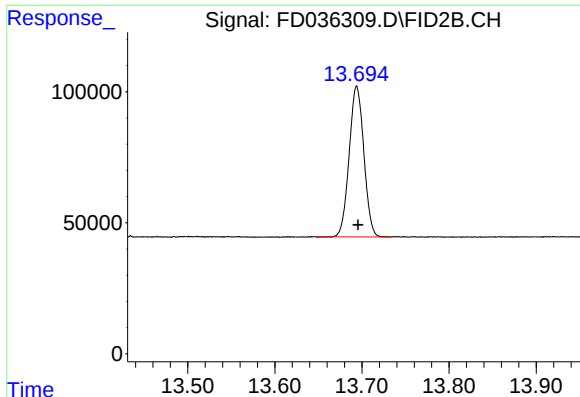
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.001 min
Response: 678209
Conc: 5.04 ug/ml



#12 1-chlorooctadecane (SURR)

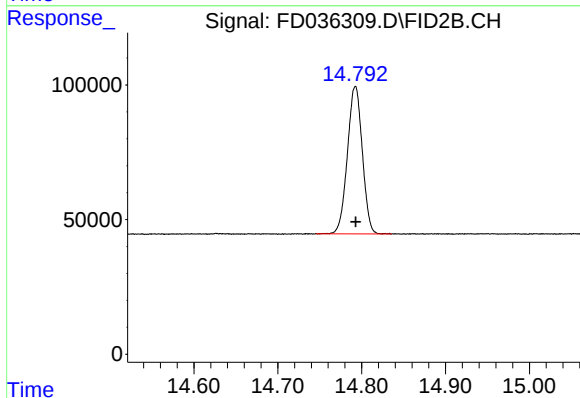
R.T.: 12.944 min
Delta R.T.: -0.001 min
Response: 568853
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

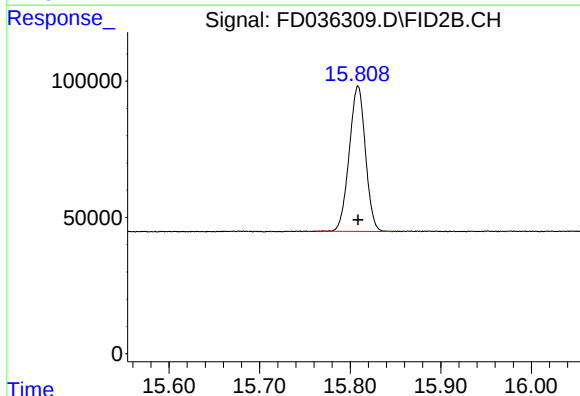
R.T.: 13.694 min
Delta R.T.: -0.002 min
Response: 673929
Conc: 5.00 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



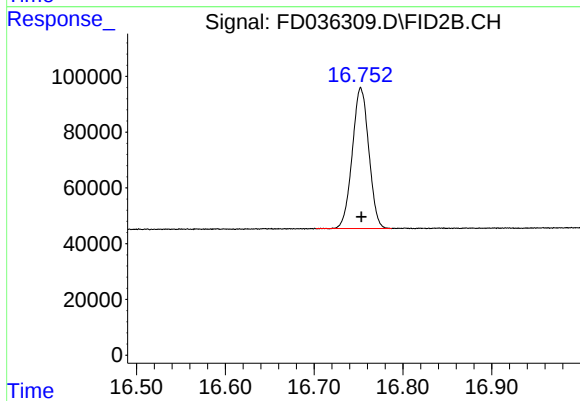
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 675784
Conc: 5.02 ug/ml



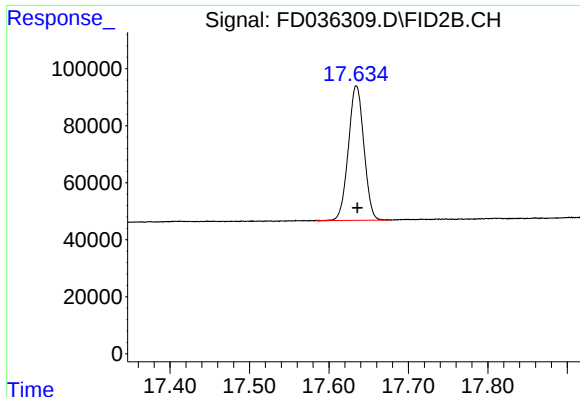
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.000 min
Response: 662438
Conc: 5.01 ug/ml



#16 n-Octacosane (C28)

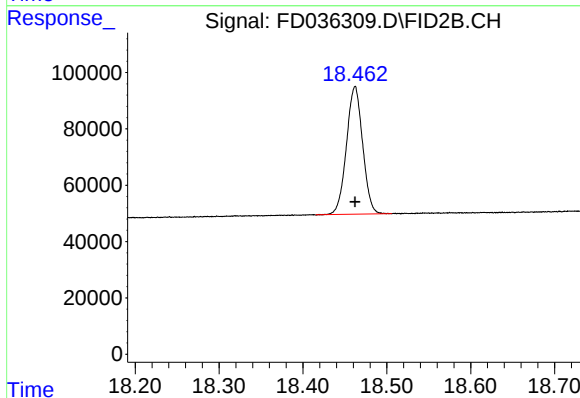
R.T.: 16.753 min
Delta R.T.: 0.000 min
Response: 651426
Conc: 5.00 ug/ml



#17 n-Tricontane (C30)

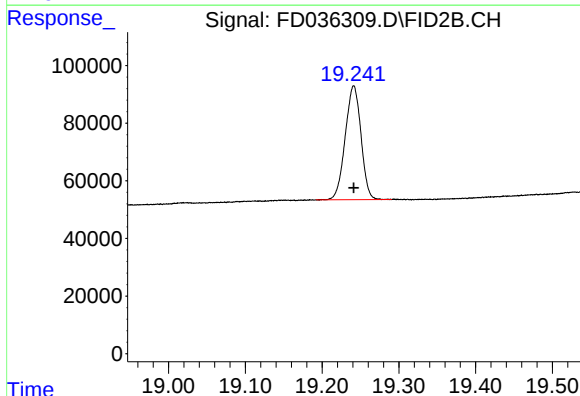
R.T.: 17.635 min
Delta R.T.: -0.001 min
Response: 639588
Conc: 5.06 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



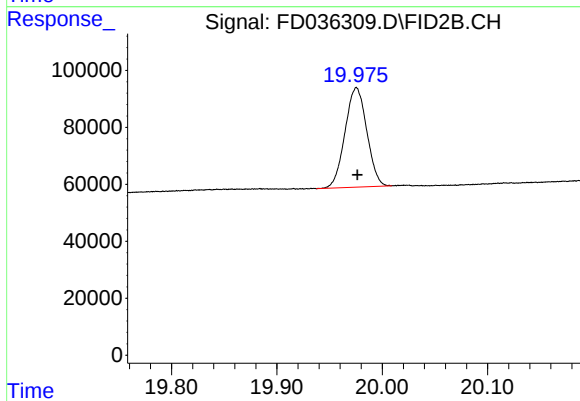
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: 0.000 min
Response: 605640
Conc: 5.08 ug/ml



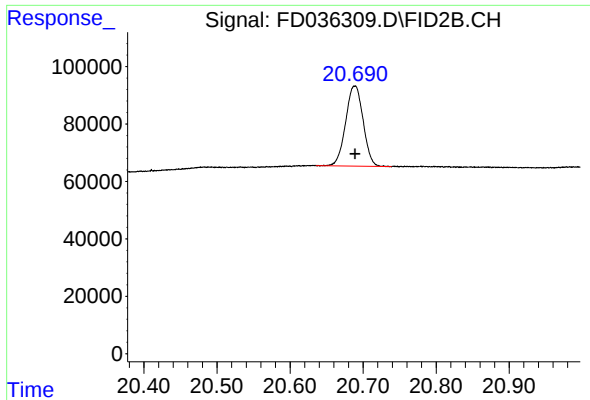
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: 0.000 min
Response: 564218
Conc: 5.03 ug/ml



#20 n-Hexatriacontane (C36)

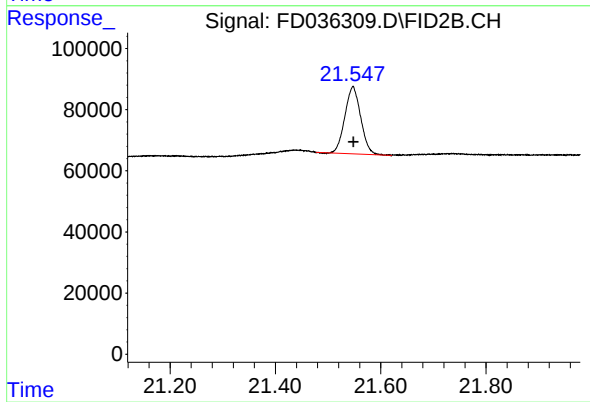
R.T.: 19.976 min
Delta R.T.: 0.000 min
Response: 501505
Conc: 4.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: 0.000 min
Response: 463516
Conc: 4.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: -0.001 min
Response: 459640
Conc: 4.83 ug/ml