

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015496.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 14:06
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 17 14:25:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:24:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.917	876275	5.286 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
12) S 1-chlorooctadecane (S...	13.363	726470	5.406 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
Target Compounds			
1) T n-Nonane (C9)	3.267	675257	5.242 ug/ml
2) T n-Decane (C10)	4.526	691854	5.249 ug/ml
3) T A~Naphthalene (C11.7)	6.238	724958	5.064 ug/ml
4) T n-Dodecane (C12)	6.705	708794	5.245 ug/ml
5) T A~2-methylnaphthalene...	7.340	701903	5.037 ug/ml
6) T n-Tetradecane (C14)	8.541	722030	5.257 ug/ml
7) T n-Hexadecane (C16)	10.155	771336	5.282 ug/ml
8) T n-Octadecane (C18)	11.602	808890	5.322 ug/ml
10) T n-Eicosane (C20)	12.917	805675	5.338 ug/ml
11) T n-Heneicosane (C21)	13.531	802829	5.346 ug/ml
13) T n-Docosane (C22)	14.119	808205	5.323 ug/ml
14) T n-Tetracosane (C24)	15.226	829634	5.318 ug/ml
15) T n-Hexacosane (C26)	16.250	835116	5.354 ug/ml
16) T n-Octacosane (C28)	17.201	862583	5.531 ug/ml
17) T n-Tricontane (C30)	18.092	942513	5.865 ug/ml
18) T n-Dotriacontane (C32)	18.926	938938	6.105 ug/ml
19) T n-Tetratriacontane (C34)	19.710	795948	5.956 ug/ml
20) T n-Hexatriacontane (C36)	20.450	627559	5.688 ug/ml
21) T n-Octatriacontane (C38)	21.193	550071	5.655 ug/ml
22) T n-Tetracontane (C40)	22.122	520242	5.755 ug/ml

(f)=RT Delta > 1/2 Window

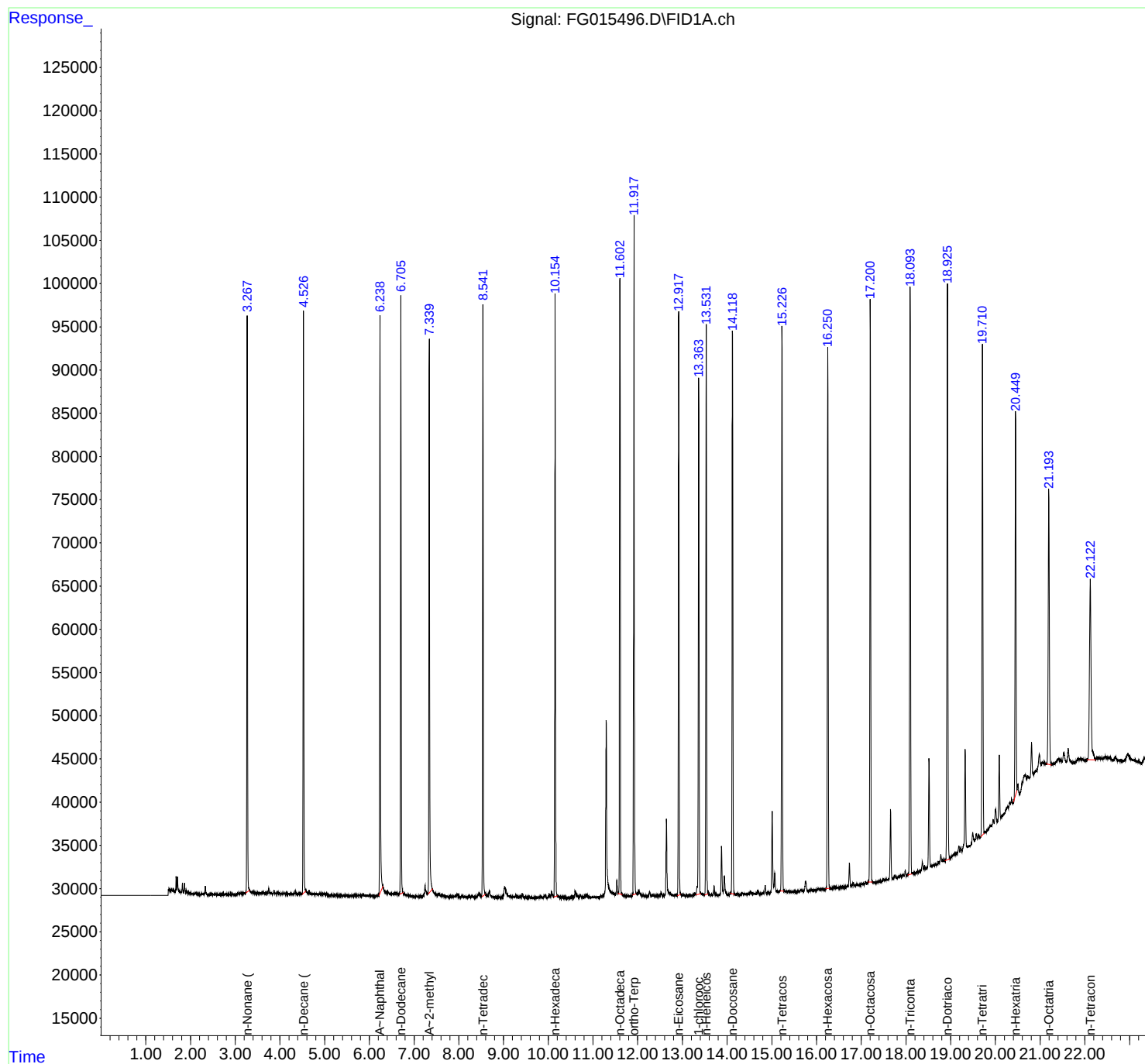
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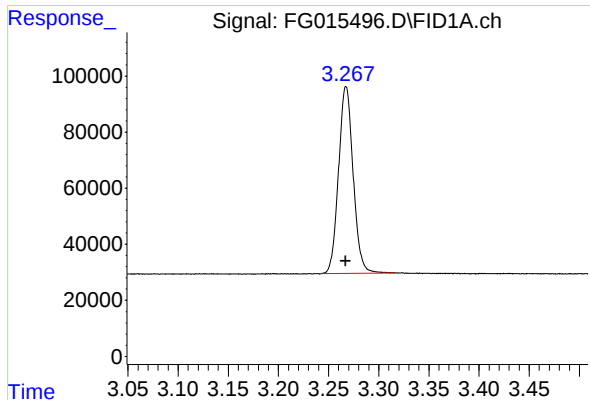
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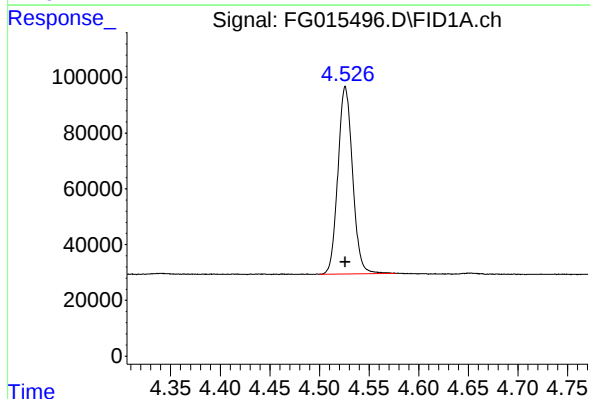




#1 n-Nonane (C9)

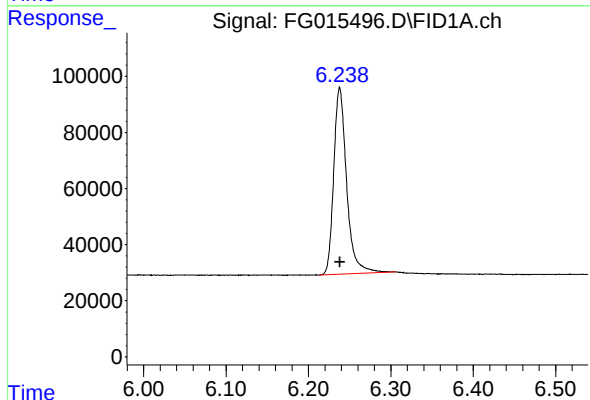
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 675257
Conc: 5.24 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



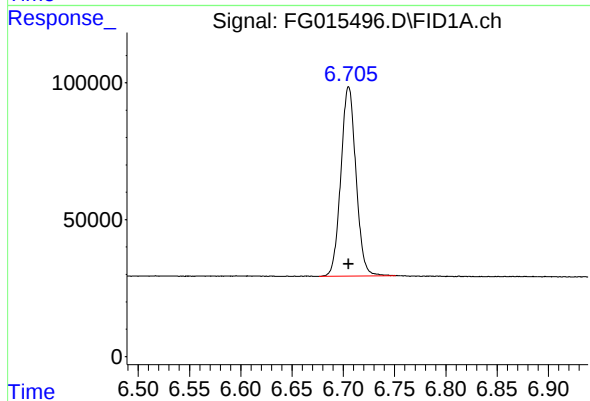
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 691854
Conc: 5.25 ug/ml



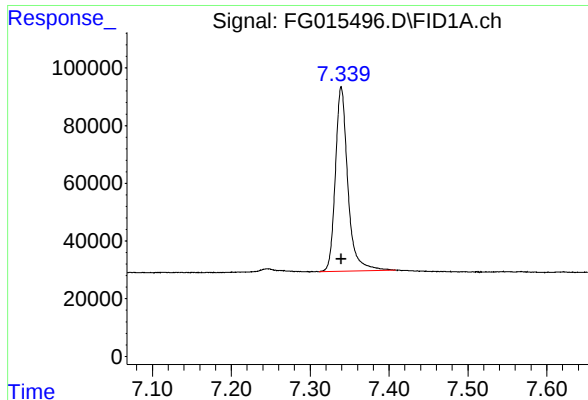
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 724958
Conc: 5.06 ug/ml



#4 n-Dodecane (C12)

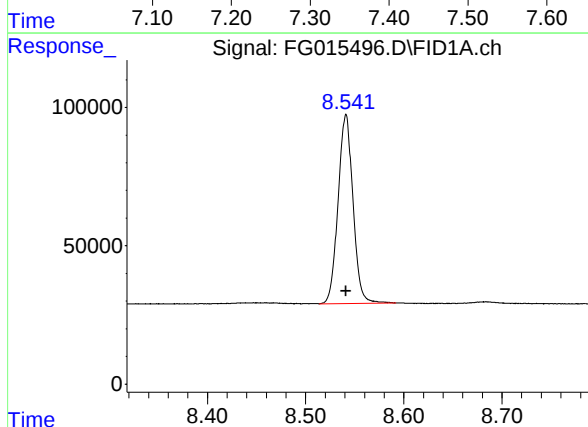
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 708794
Conc: 5.25 ug/ml



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

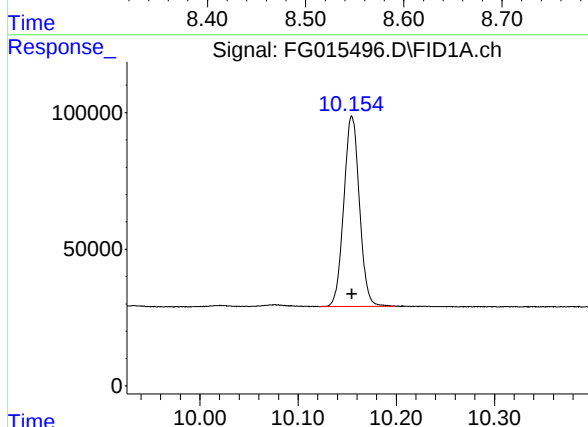
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 701903
Conc: 5.04 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



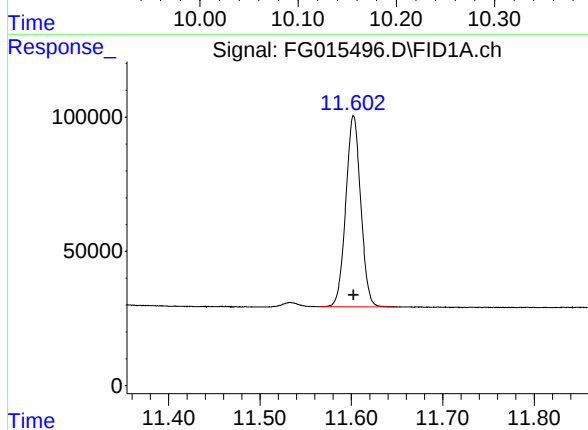
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.000 min
Response: 722030
Conc: 5.26 ug/ml



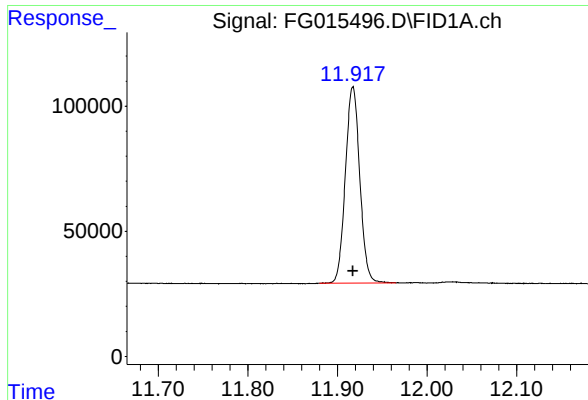
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 771336
Conc: 5.28 ug/ml



#8 n-Octadecane (C18)

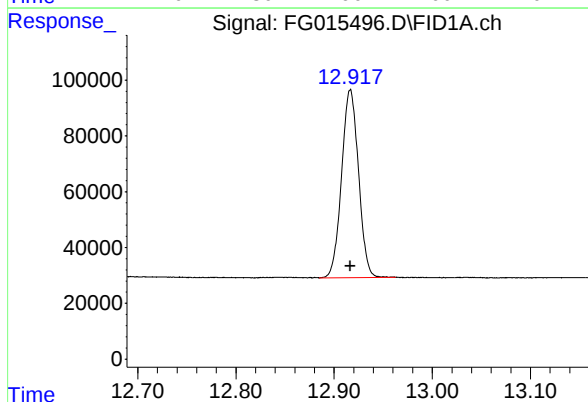
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 808890
Conc: 5.32 ug/ml



#9 ortho-Terphenyl (SURR)

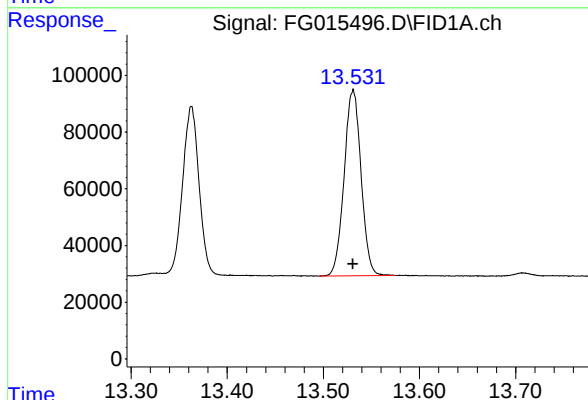
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 876275
Conc: 5.29 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



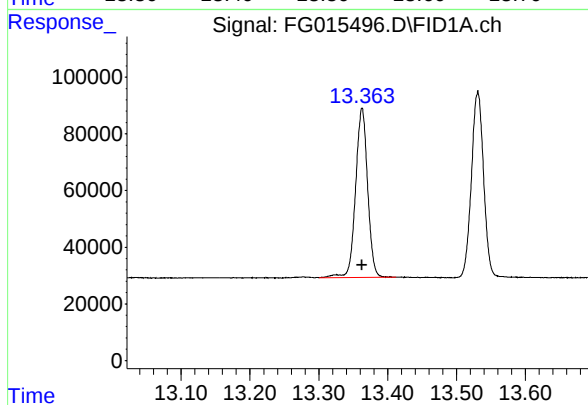
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 805675
Conc: 5.34 ug/ml



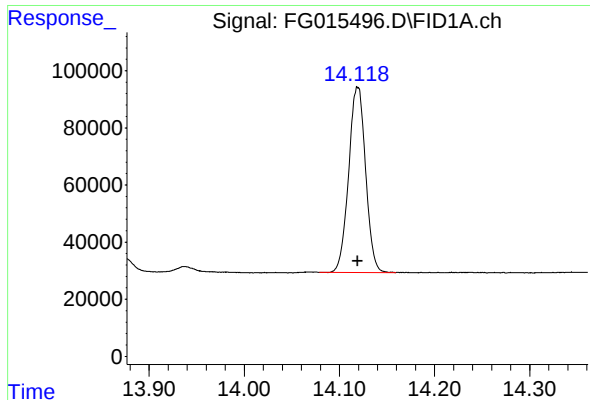
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 802829
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

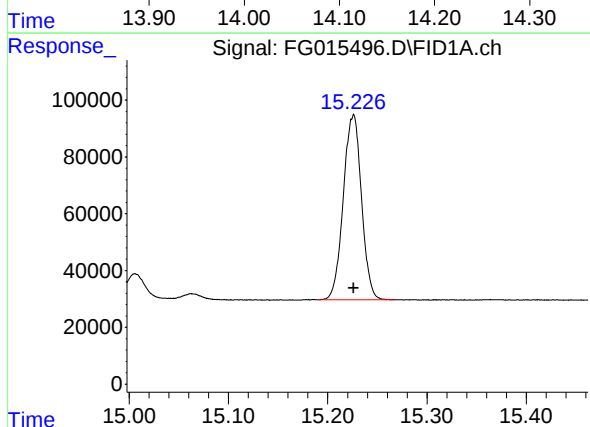
R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 726470
Conc: 5.41 ug/ml



#13 n-Docosane (C22)

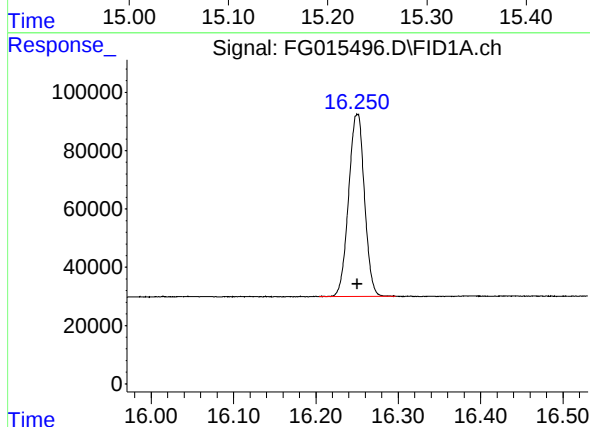
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 808205
Conc: 5.32 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



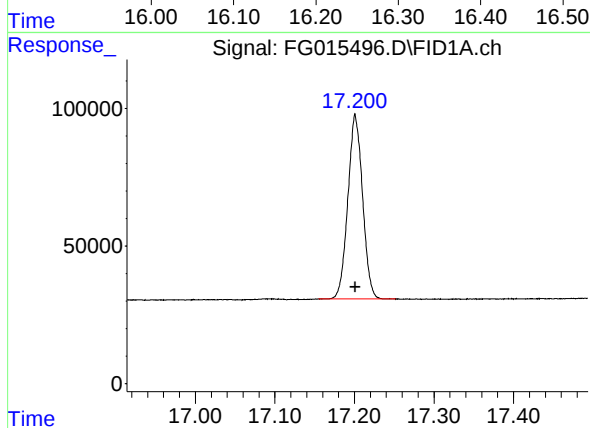
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 829634
Conc: 5.32 ug/ml



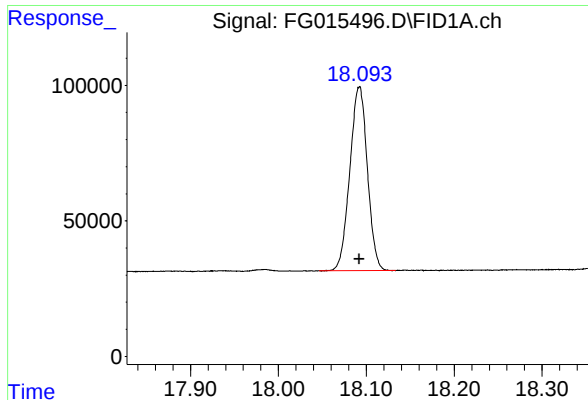
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 835116
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

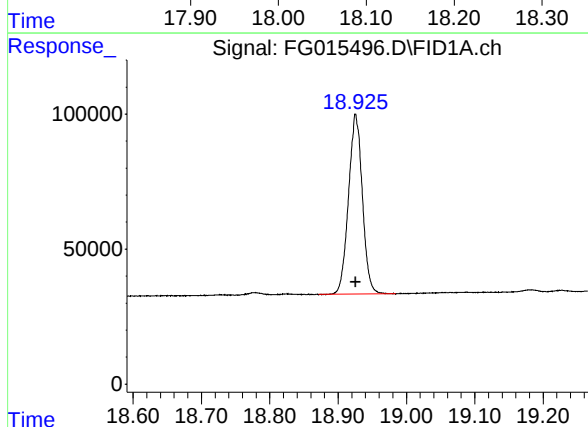
R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 862583
Conc: 5.53 ug/ml



#17 n-Tricontane (C30)

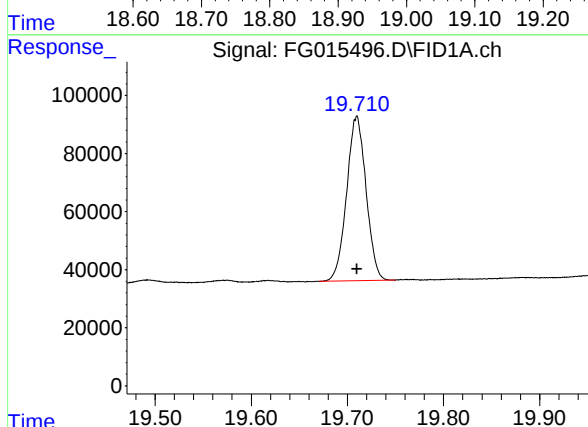
R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 942513
Conc: 5.87 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



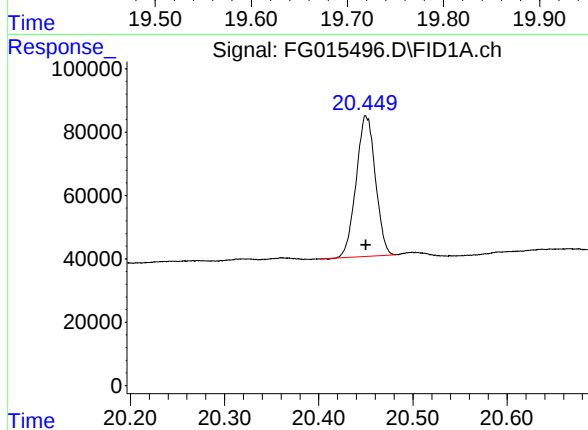
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.000 min
Response: 938938
Conc: 6.11 ug/ml



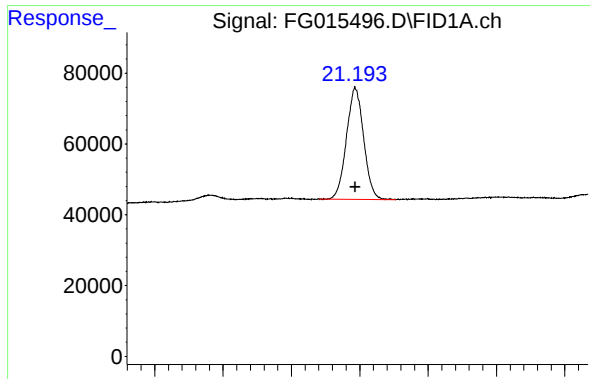
#19 n-Tetatriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.000 min
Response: 795948
Conc: 5.96 ug/ml



#20 n-Hexatriacontane (C36)

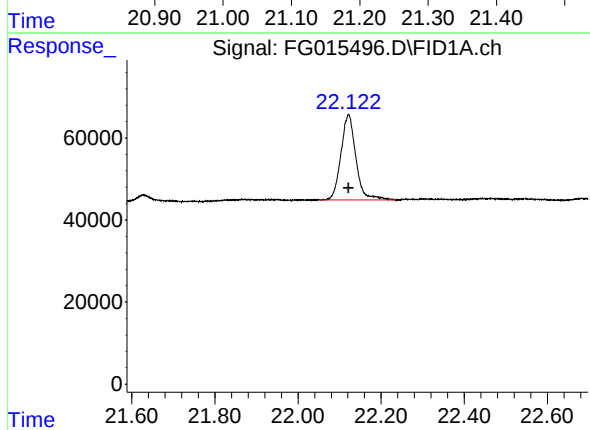
R.T.: 20.450 min
Delta R.T.: 0.000 min
Response: 627559
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.000 min
Response: 550071
Conc: 5.65 ug/ml

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FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.000 min
Response: 520242
Conc: 5.75 ug/ml