

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047124.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 12:05
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 09 13:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 09 13:21:57 2024
 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)	11.357	969794	5.217 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	12.793	750789	5.224 ug/ml
Spiked Amount 50.000		Recovery =	10.45%
Target Compounds			
1) T n-Nonane (C9)	3.200	837369	5.272 ug/ml
2) T n-Decane (C10)	4.252	841697	5.210 ug/ml
3) T A~Naphthalene (C11.7)	5.810	902434	5.109 ug/ml
4) T n-Dodecane (C12)	6.251	857031	5.222 ug/ml
5) T A~2-methylnaphthalene...	6.857	845261	4.975 ug/ml
6) T n-Tetradecane (C14)	8.033	854140	5.200 ug/ml
7) T n-Hexadecane (C16)	9.624	885325	5.193 ug/ml
8) T n-Octadecane (C18)	11.055	906945	5.210 ug/ml
10) T n-Eicosane (C20)	12.355	890931	5.253 ug/ml
11) T n-Heneicosane (C21)	12.963	884035	5.272 ug/ml
13) T n-Docosane (C22)	13.544	879571	5.260 ug/ml
14) T n-Tetracosane (C24)	14.638	881233	5.282 ug/ml
15) T n-Hexacosane (C26)	15.652	865943	5.291 ug/ml
16) T n-Octacosane (C28)	16.594	842691	5.310 ug/ml
17) T n-Tricontane (C30)	17.474	853149	5.387 ug/ml
18) T n-Dotriacontane (C32)	18.299	817483	5.414 ug/ml
19) T n-Tetratriacontane (C34)	19.077	785825	5.481 ug/ml
20) T n-Hexatriacontane (C36)	19.809	714209	5.354 ug/ml
21) T n-Octatriacontane (C38)	20.507	674118	5.277 ug/ml
22) T n-Tetracontane (C40)	21.313	597723	4.996 ug/ml

(f)=RT Delta > 1/2 Window

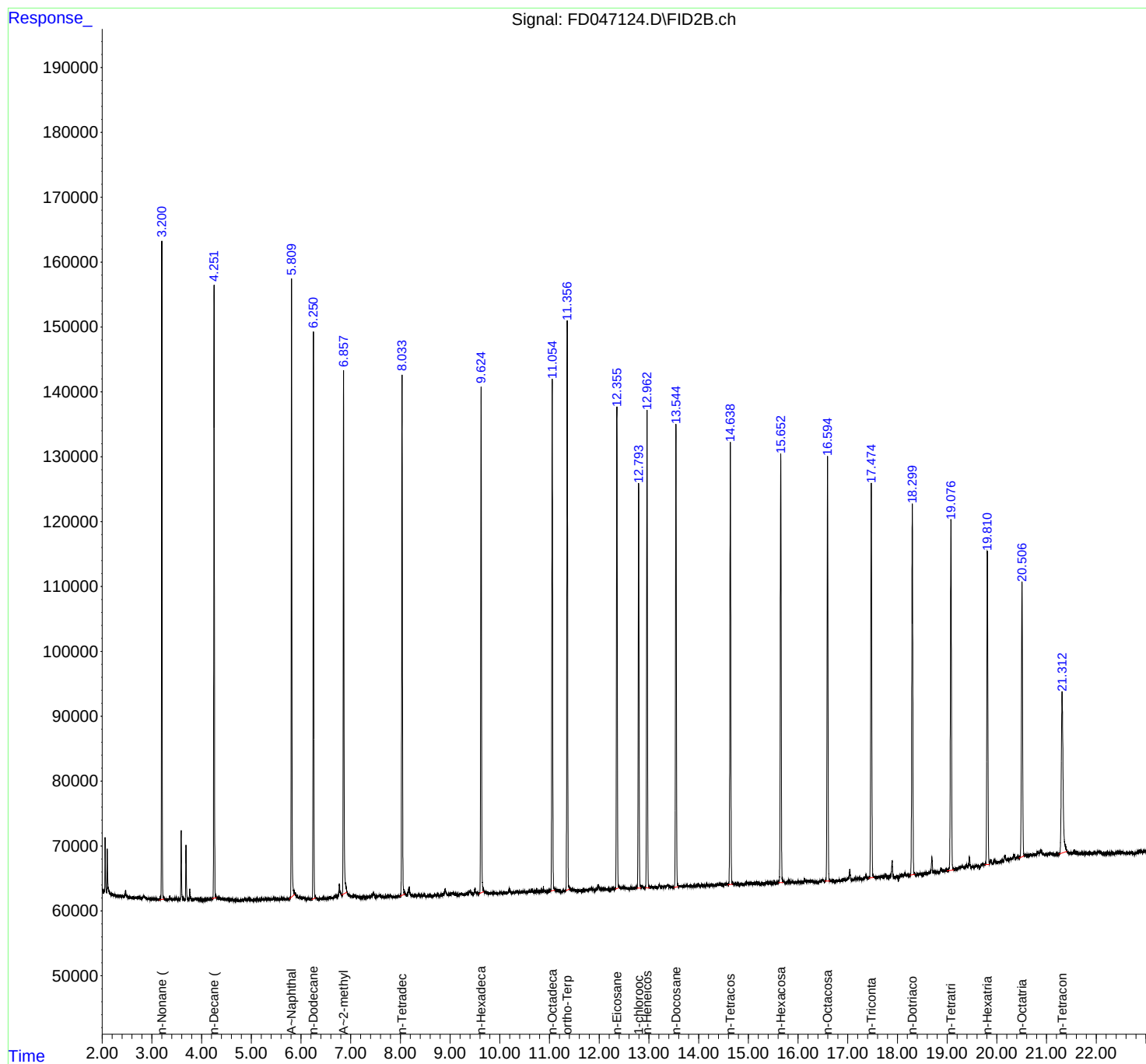
(m)=manual int.

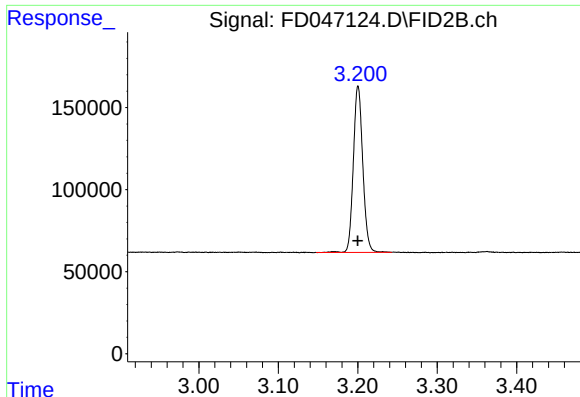
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
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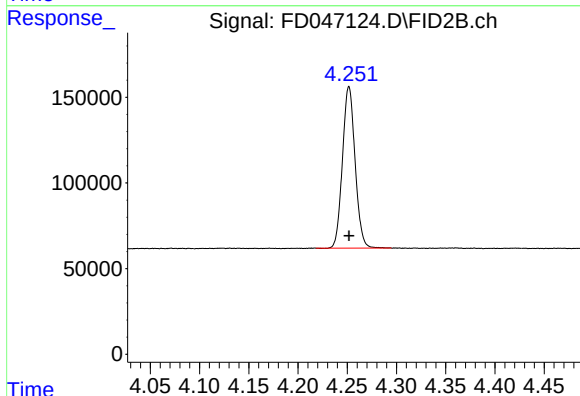




#1 n-Nonane (C9)

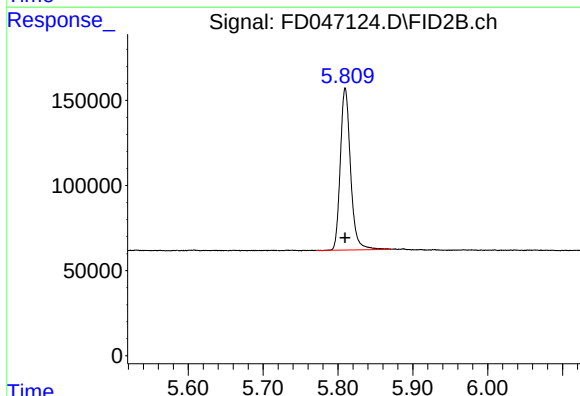
R.T.: 3.200 min
Delta R.T.: 0.000 min
Response: 837369
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



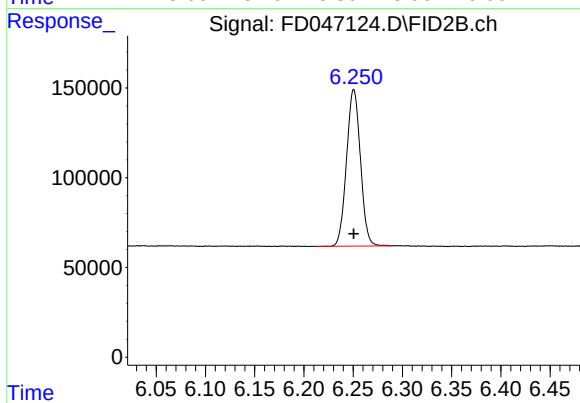
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 841697
Conc: 5.21 ug/ml



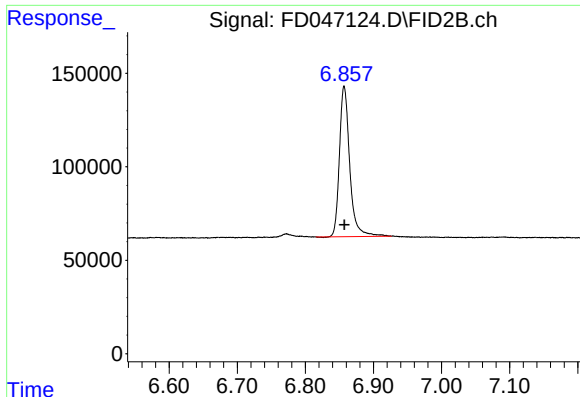
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 902434
Conc: 5.11 ug/ml



#4 n-Dodecane (C12)

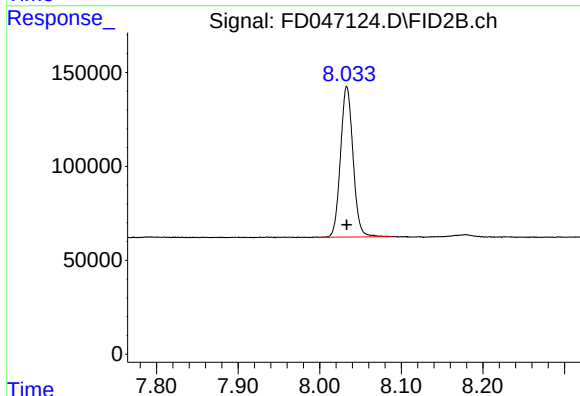
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 857031
Conc: 5.22 ug/ml



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

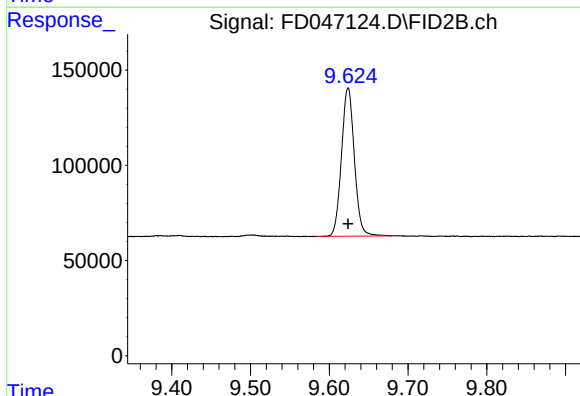
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 845261
Conc: 4.97 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



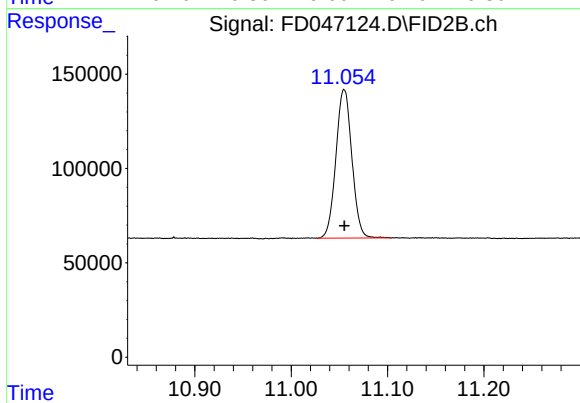
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 854140
Conc: 5.20 ug/ml



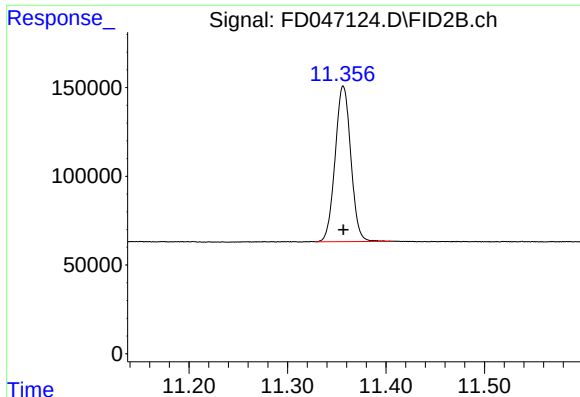
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: 0.000 min
Response: 885325
Conc: 5.19 ug/ml



#8 n-Octadecane (C18)

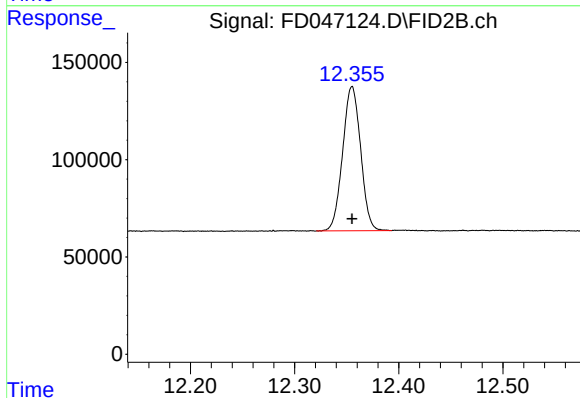
R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 906945
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

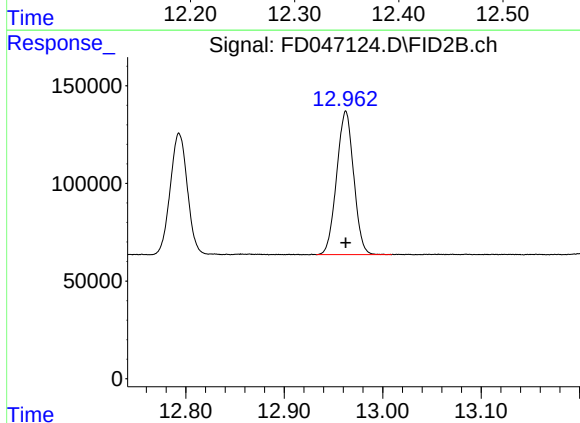
R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 969794
Conc: 5.22 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



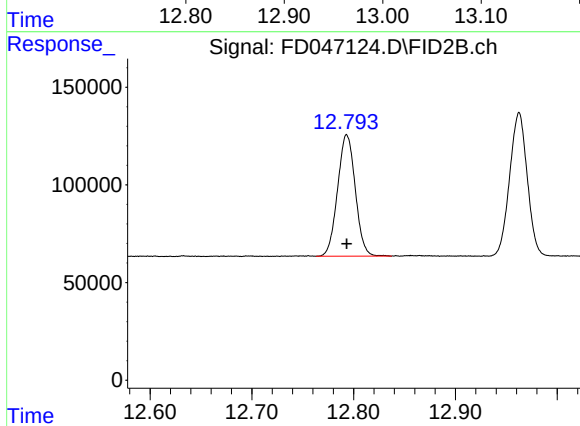
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 890931
Conc: 5.25 ug/ml



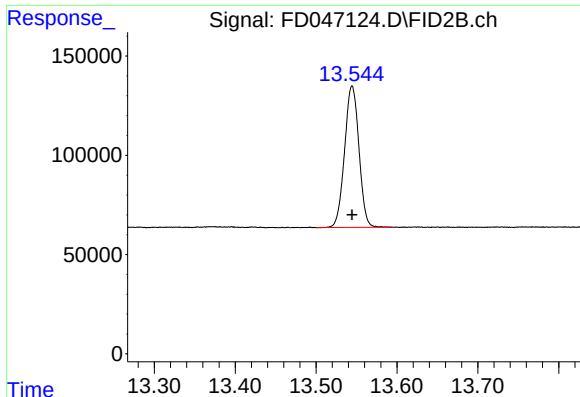
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 884035
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

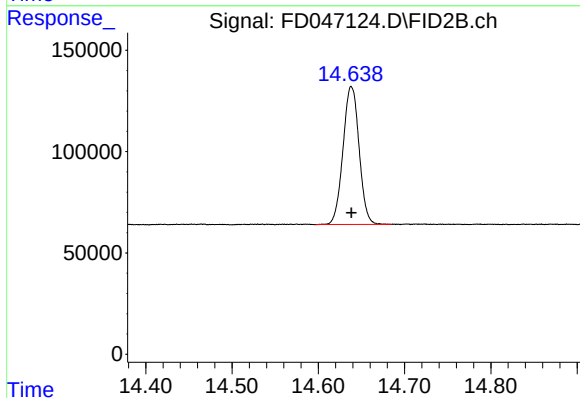
R.T.: 12.793 min
Delta R.T.: 0.000 min
Response: 750789
Conc: 5.22 ug/ml



#13 n-Docosane (C22)

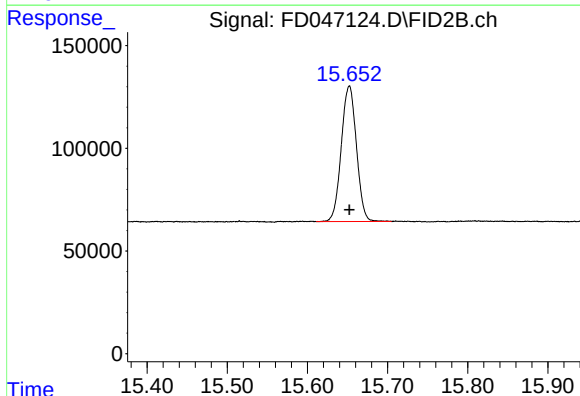
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 879571
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



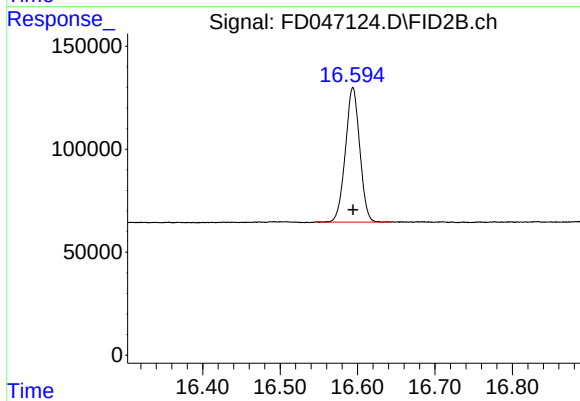
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 881233
Conc: 5.28 ug/ml



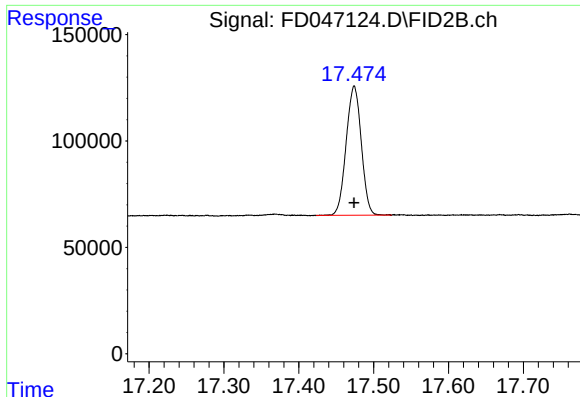
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: 0.000 min
Response: 865943
Conc: 5.29 ug/ml



#16 n-Octacosane (C28)

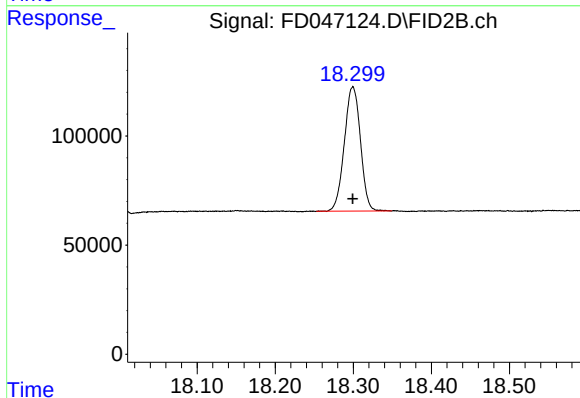
R.T.: 16.594 min
Delta R.T.: 0.000 min
Response: 842691
Conc: 5.31 ug/ml



#17 n-Tricontane (C30)

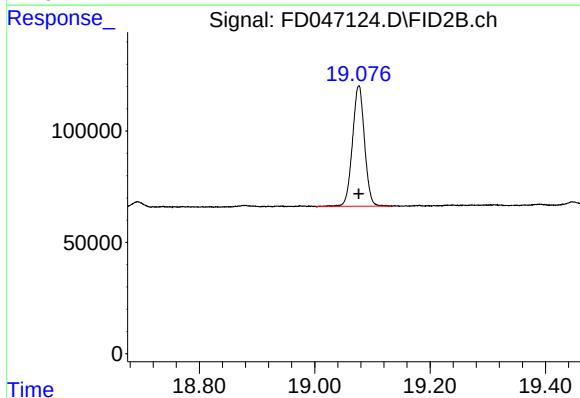
R.T.: 17.474 min
Delta R.T.: 0.000 min
Response: 853149
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



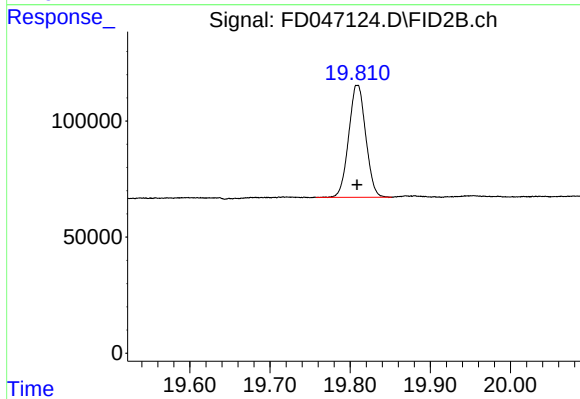
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: 0.000 min
Response: 817483
Conc: 5.41 ug/ml



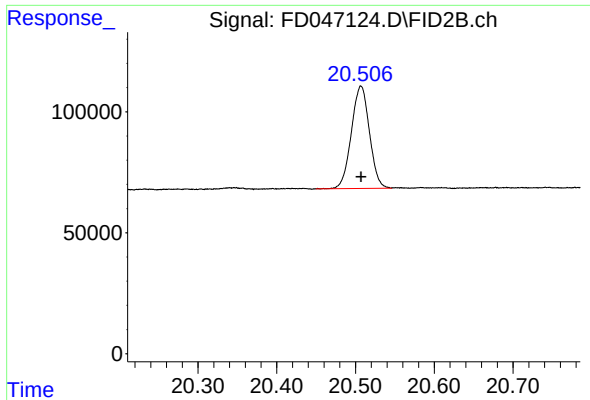
#19 n-Tetratriacontane (C34)

R.T.: 19.077 min
Delta R.T.: 0.000 min
Response: 785825
Conc: 5.48 ug/ml



#20 n-Hexatriacontane (C36)

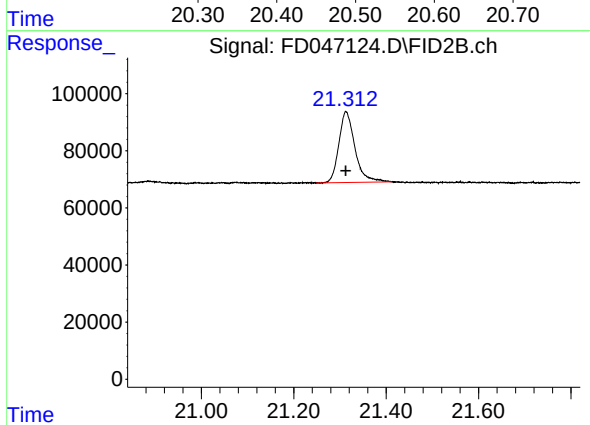
R.T.: 19.809 min
Delta R.T.: 0.000 min
Response: 714209
Conc: 5.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 674118
Conc: 5.28 ug/ml

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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.313 min
Delta R.T.: 0.000 min
Response: 597723
Conc: 5.00 ug/ml