

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101722AL\
 Data File : FC061824.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2022 13:21
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 17 23:23:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:16:40 2022
 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)	11.586	1529706	10.604 ug/ml
Spiked Amount 50.000		Recovery =	21.21%
12) S 1-chlorooctadecane (S...	13.024	1195601	10.559 ug/ml
Spiked Amount 50.000		Recovery =	21.12%
Target Compounds			
1) T n-Nonane (C9)	3.342	1440391	10.547 ug/ml
2) T n-Decane (C10)	4.409	1458988	10.532 ug/ml
3) T A~Naphthalene (C11.7)	5.995	1582693	10.550 ug/ml
4) T n-Dodecane (C12)	6.426	1483470	10.534 ug/ml
5) T A~2-methylnaphthalene...	7.051	1552151	10.520 ug/ml
6) T n-Tetradecane (C14)	8.223	1487842	10.550 ug/ml
7) T n-Hexadecane (C16)	9.826	1494132	10.587 ug/ml
8) T n-Octadecane (C18)	11.269	1486634	10.606 ug/ml
10) T n-Eicosane (C20)	12.579	1455080	10.626 ug/ml
11) T n-Heneicosane (C21)	13.191	1428480	10.607 ug/ml
13) T n-Docosane (C22)	13.778	1426279	10.705 ug/ml
14) T n-Tetracosane (C24)	14.881	1409318	10.936 ug/ml
15) T n-Hexacosane (C26)	15.902	1351105	10.988 ug/ml
16) T n-Octacosane (C28)	16.852	1307515	11.114 ug/ml
17) T n-Tricontane (C30)	17.739	1295942	11.221 ug/ml
18) T n-Dotriacontane (C32)	18.572	1280952	11.252 ug/ml
19) T n-Tetratriacontane (C34)	19.355	1208743	11.092 ug/ml
20) T n-Hexatriacontane (C36)	20.095	1218898	11.119 ug/ml
21) T n-Octatriacontane (C38)	20.833	1186282	10.890 ug/ml
22) T n-Tetracontane (C40)	21.750	1183262	10.897 ug/ml

(f)=RT Delta > 1/2 Window

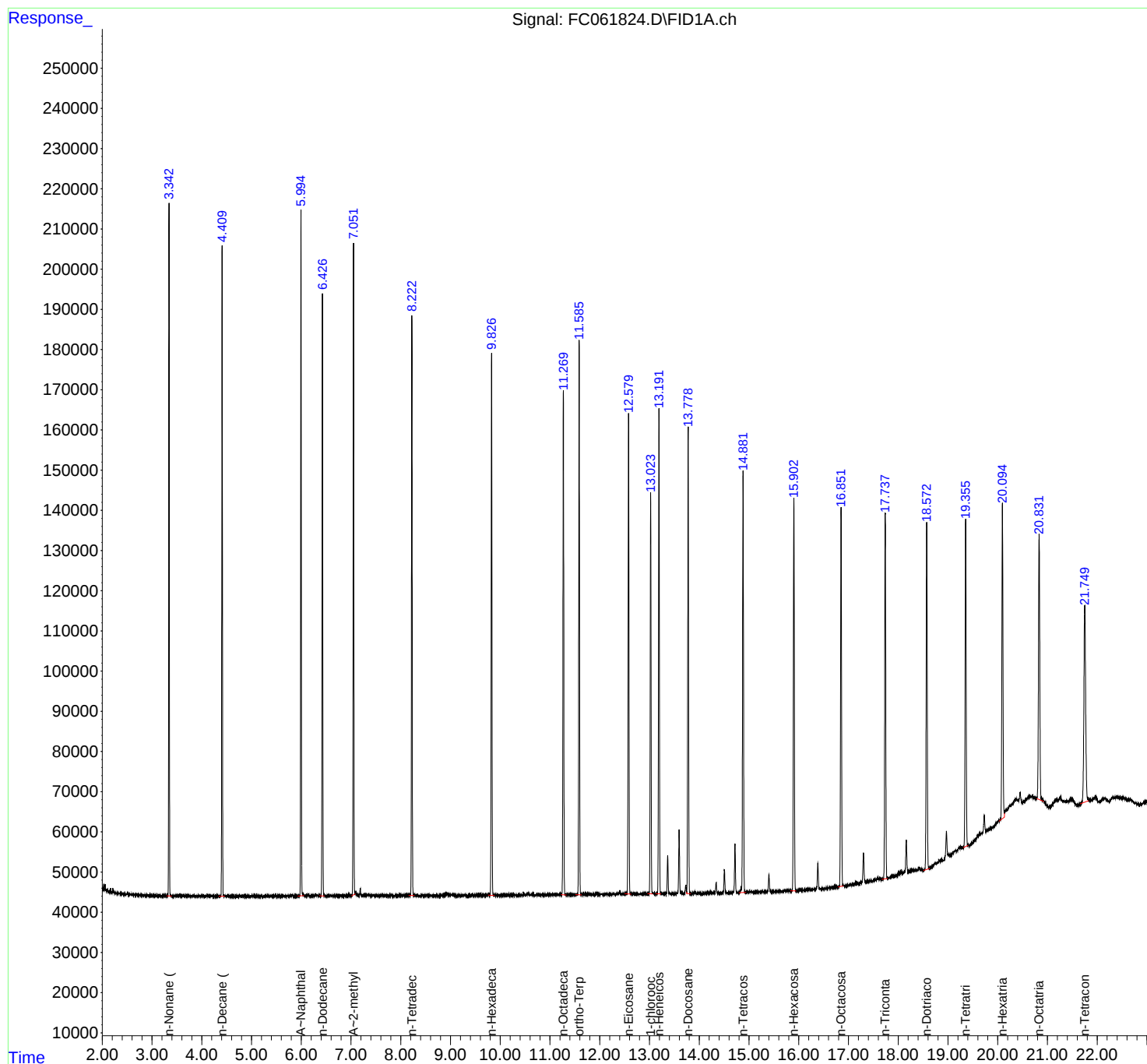
(m)=manual int.

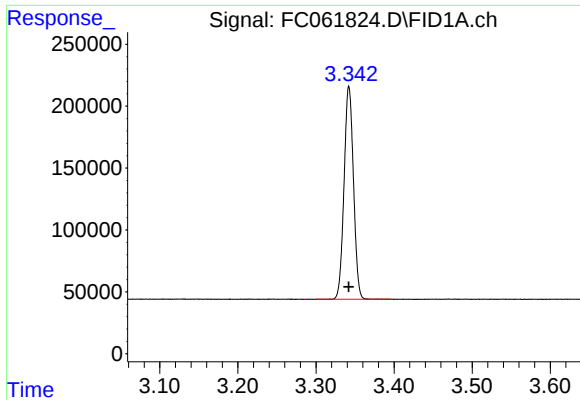
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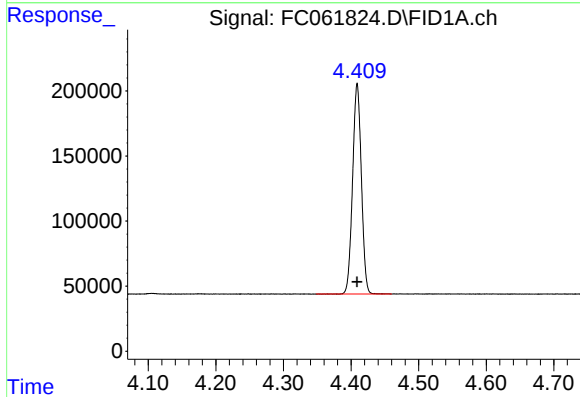




#1 n-Nonane (C9)

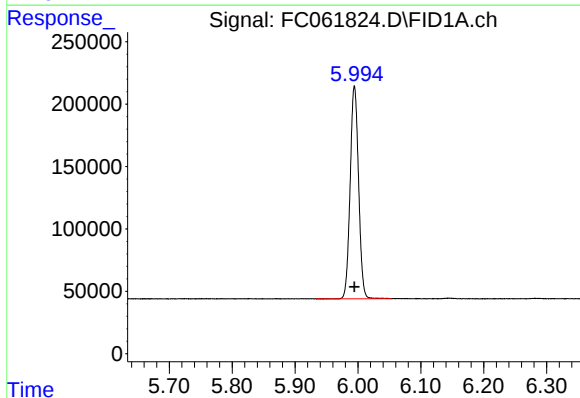
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 1440391
Conc: 10.55 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



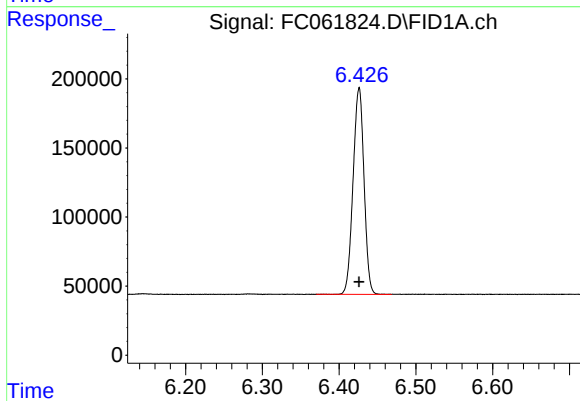
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 1458988
Conc: 10.53 ug/ml



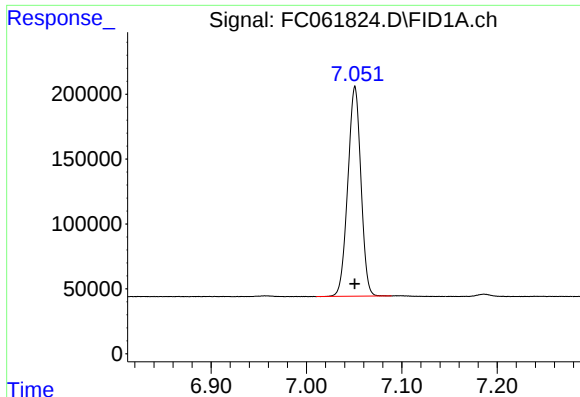
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 1582693
Conc: 10.55 ug/ml



#4 n-Dodecane (C12)

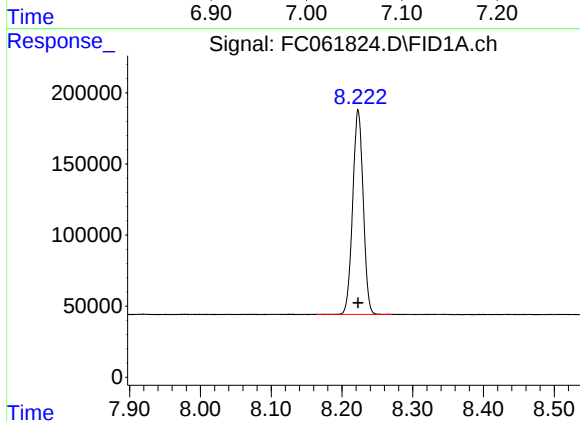
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 1483470
Conc: 10.53 ug/ml



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

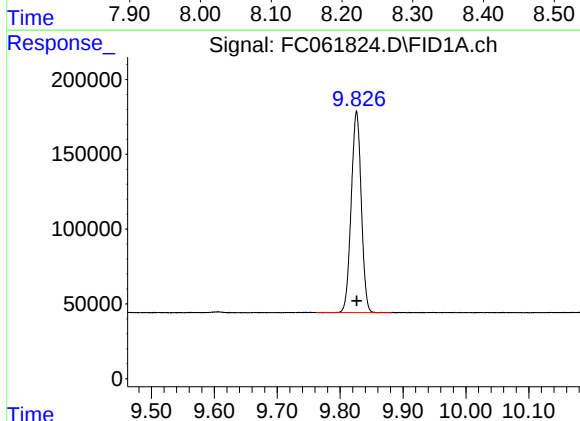
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 1552151
Conc: 10.52 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



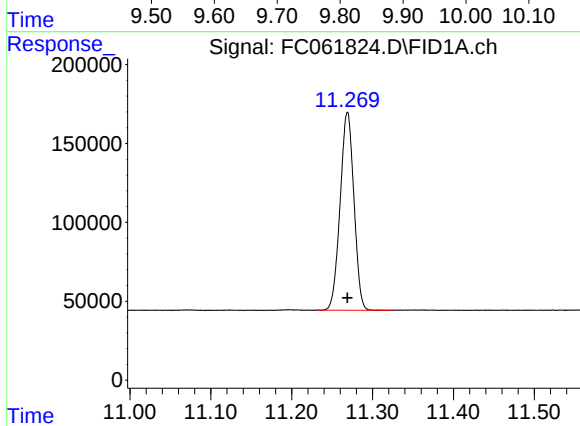
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 1487842
Conc: 10.55 ug/ml



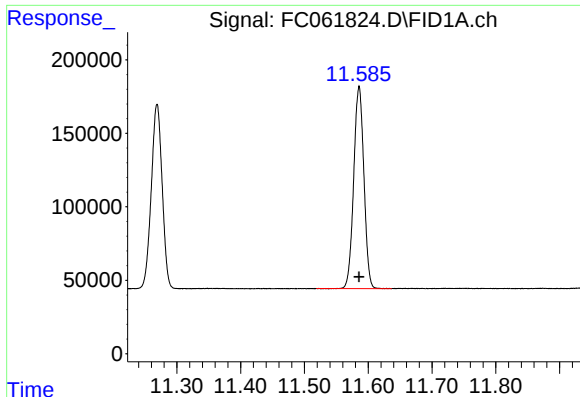
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 1494132
Conc: 10.59 ug/ml



#8 n-Octadecane (C18)

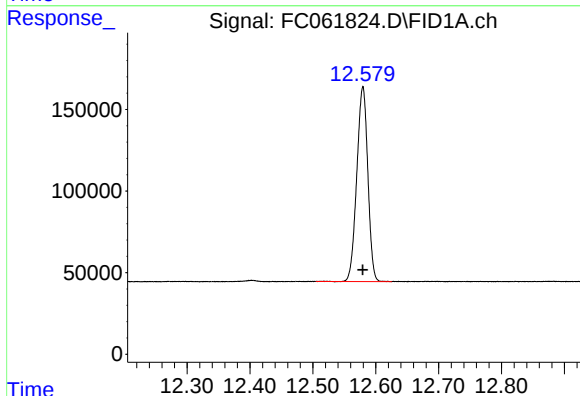
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 1486634
Conc: 10.61 ug/ml



#9 ortho-Terphenyl (SURR)

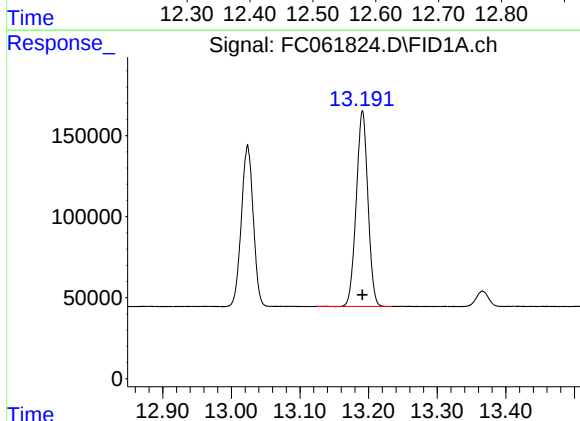
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 1529706
Conc: 10.60 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



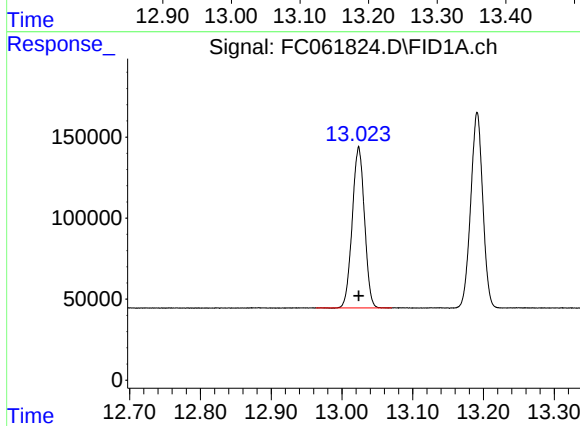
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.000 min
Response: 1455080
Conc: 10.63 ug/ml



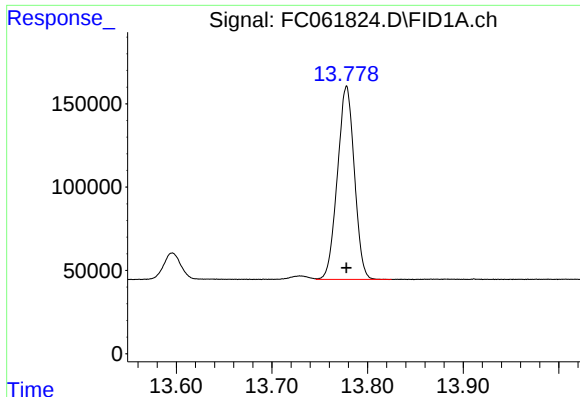
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 1428480
Conc: 10.61 ug/ml



#12 1-chlorooctadecane (SURR)

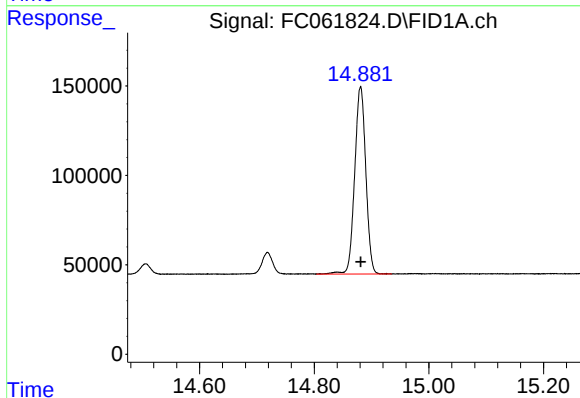
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 1195601
Conc: 10.56 ug/ml



#13 n-Docosane (C22)

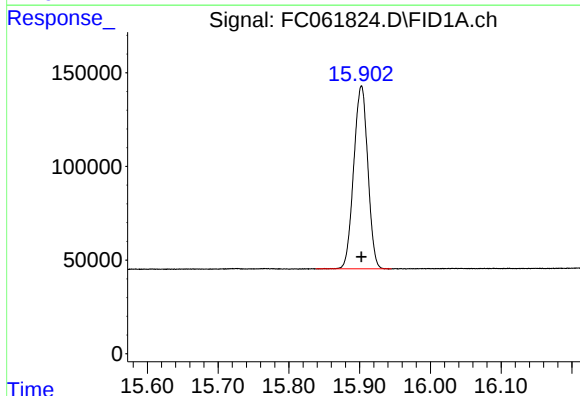
R.T.: 13.778 min
Delta R.T.: 0.000 min
Response: 1426279
Conc: 10.70 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



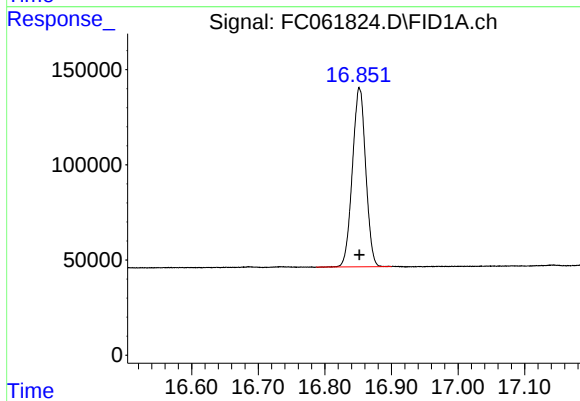
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.000 min
Response: 1409318
Conc: 10.94 ug/ml



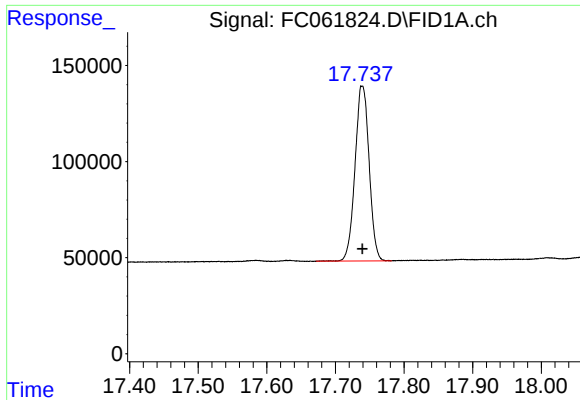
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.000 min
Response: 1351105
Conc: 10.99 ug/ml



#16 n-Octacosane (C28)

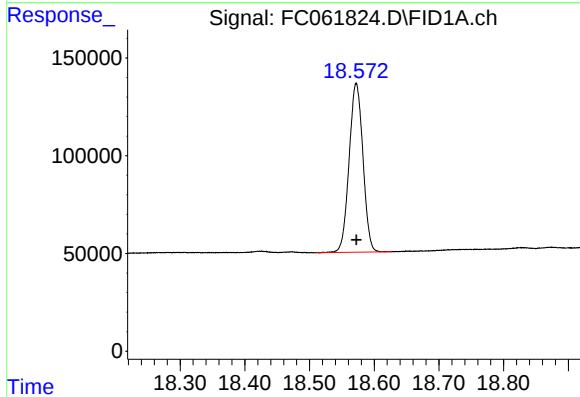
R.T.: 16.852 min
Delta R.T.: 0.000 min
Response: 1307515
Conc: 11.11 ug/ml



#17 n-Tricontane (C30)

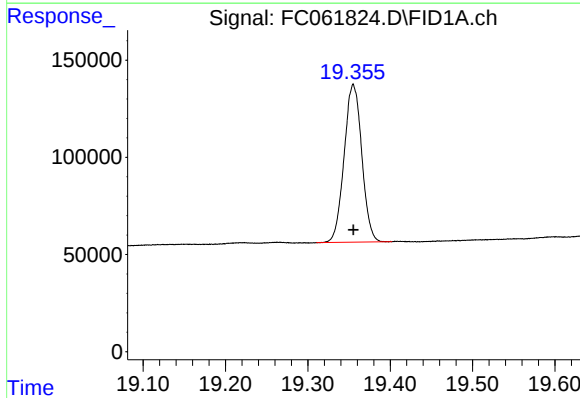
R.T.: 17.739 min
Delta R.T.: 0.000 min
Response: 1295942
Conc: 11.22 ug/ml

Instrument :
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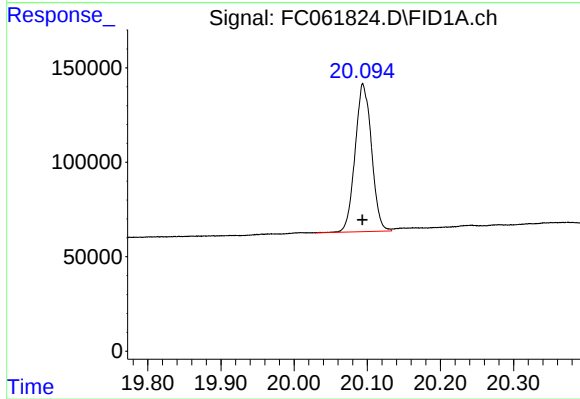
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: 0.000 min
Response: 1280952
Conc: 11.25 ug/ml



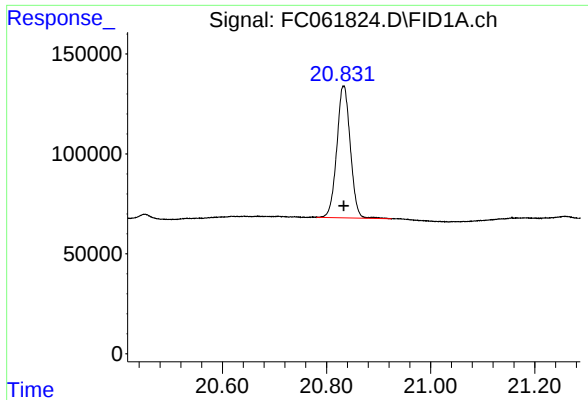
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: 0.000 min
Response: 1208743
Conc: 11.09 ug/ml



#20 n-Hexatriacontane (C36)

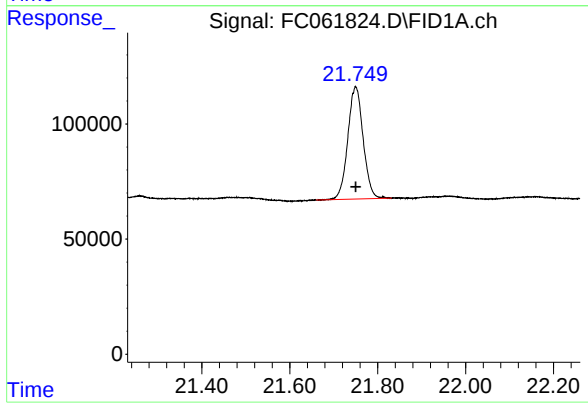
R.T.: 20.095 min
Delta R.T.: 0.001 min
Response: 1218898
Conc: 11.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.000 min
Response: 1186282
Conc: 10.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.000 min
Response: 1183262
Conc: 10.90 ug/ml