

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045407.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 04:41
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 05 05:41:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:35:20 2023
 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)	11.443	1675887	10.280 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
12) S 1-chlorooctadecane (S...	12.876	1171936	9.953 ug/ml
Spiked Amount 50.000		Recovery =	19.91%
Target Compounds			
1) T n-Nonane (C9)	3.264	1546672	10.496 ug/ml
2) T n-Decane (C10)	4.321	1526563	10.456 ug/ml
3) T A~Naphthalene (C11.7)	5.887	1747938	10.399 ug/ml
4) T n-Dodecane (C12)	6.325	1542875	10.444 ug/ml
5) T A~2-methylnaphthalene...	6.936	1617024	10.298 ug/ml
6) T n-Tetradecane (C14)	8.110	1546621	10.416 ug/ml
7) T n-Hexadecane (C16)	9.702	1563884	10.341 ug/ml
8) T n-Octadecane (C18)	11.135	1575694	10.347 ug/ml
10) T n-Eicosane (C20)	12.437	1480407	10.222 ug/ml
11) T n-Heneicosane (C21)	13.045	1471151	10.240 ug/ml
13) T n-Docosane (C22)	13.627	1438808	10.194 ug/ml
14) T n-Tetracosane (C24)	14.723	1394083	10.200 ug/ml
15) T n-Hexacosane (C26)	15.736	1333032	10.123 ug/ml
16) T n-Octacosane (C28)	16.679	1304144	10.152 ug/ml
17) T n-Tricontane (C30)	17.560	1299616	10.280 ug/ml
18) T n-Dotriacontane (C32)	18.386	1304947	10.376 ug/ml
19) T n-Tetratriacontane (C34)	19.164	1244860	10.264 ug/ml
20) T n-Hexatriacontane (C36)	19.897	1137501	10.159 ug/ml
21) T n-Octatriacontane (C38)	20.601	1087782	10.166 ug/ml
22) T n-Tetracontane (C40)	21.436	1077638	10.439 ug/ml

(f)=RT Delta > 1/2 Window

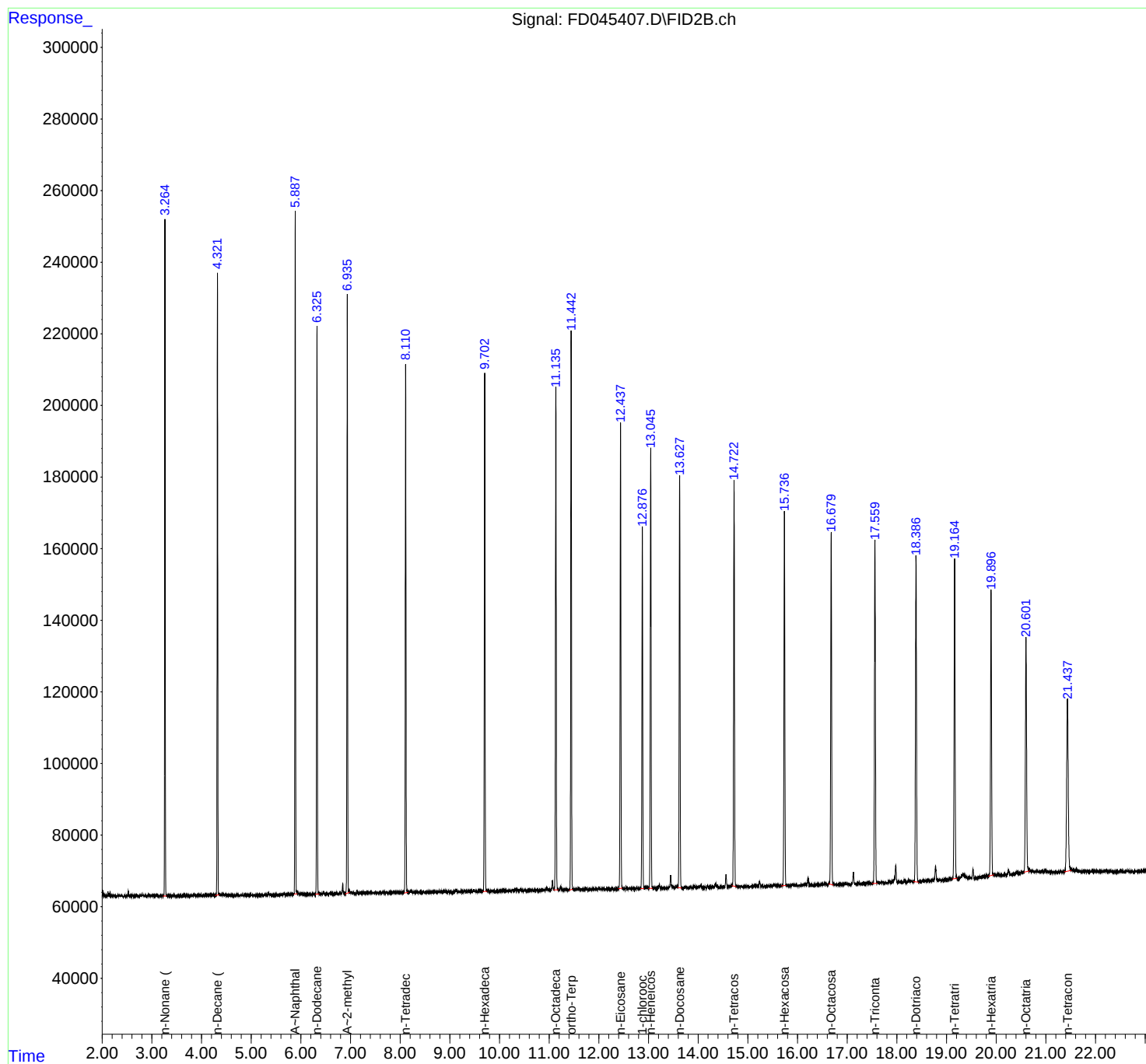
(m)=manual int.

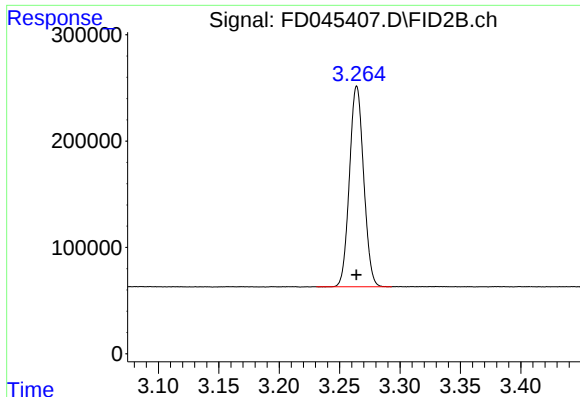
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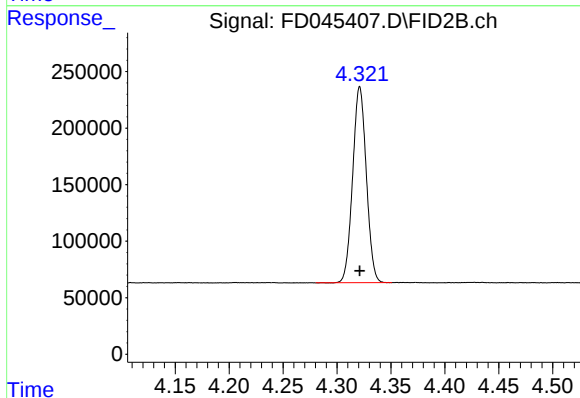




#1 n-Nonane (C9)

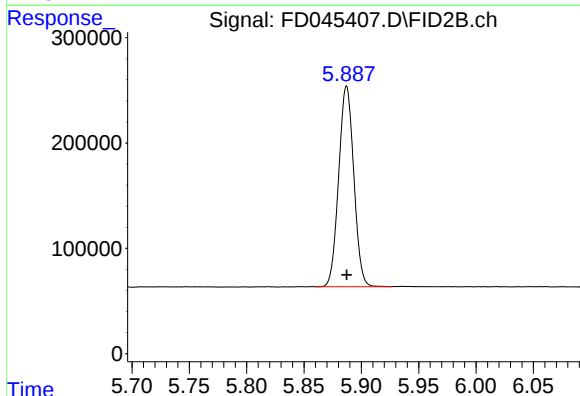
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 1546672
Conc: 10.50 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



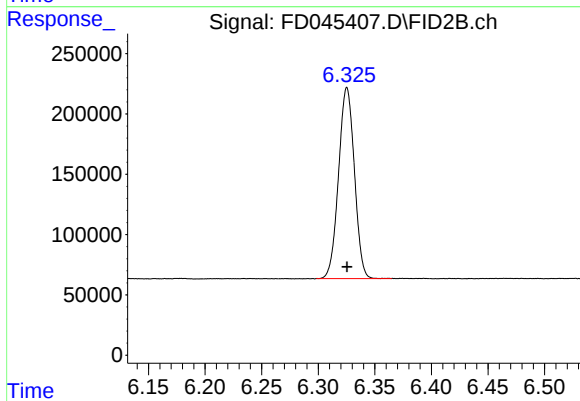
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 1526563
Conc: 10.46 ug/ml



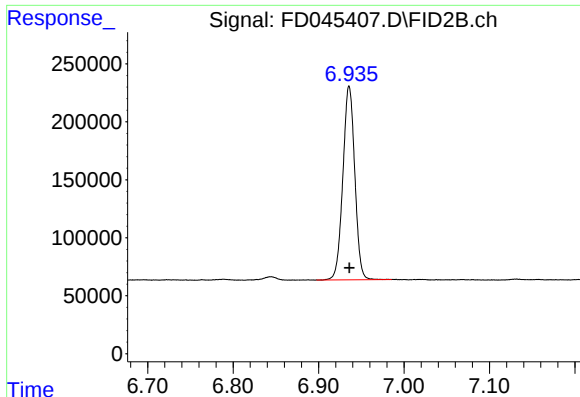
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 1747938
Conc: 10.40 ug/ml



#4 n-Dodecane (C12)

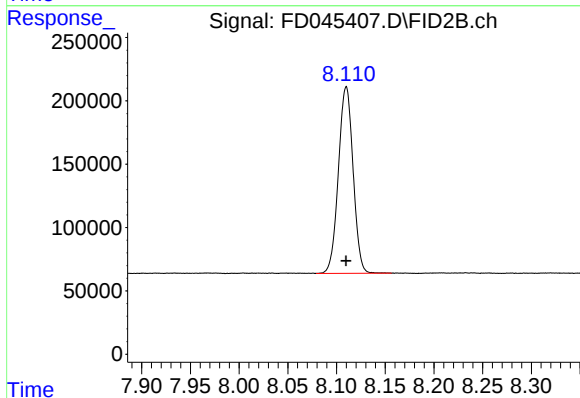
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 1542875
Conc: 10.44 ug/ml



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

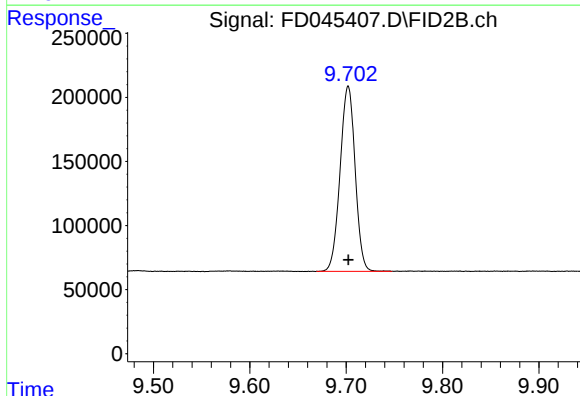
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 1617024
Conc: 10.30 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



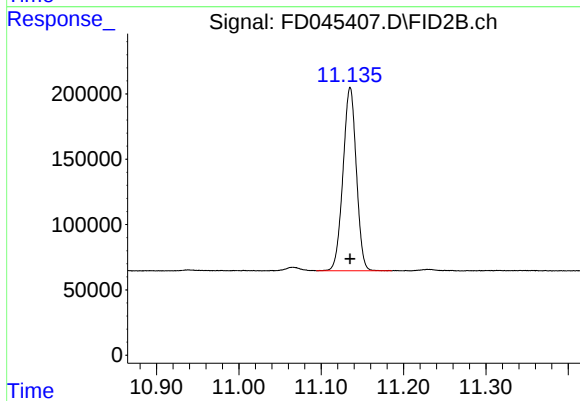
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 1546621
Conc: 10.42 ug/ml



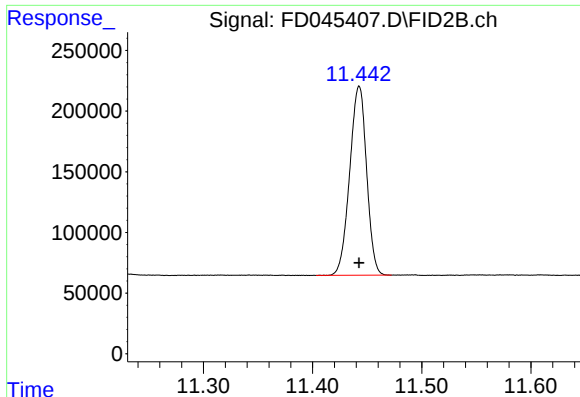
#7 n-Hexadecane (C16)

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 1563884
Conc: 10.34 ug/ml



#8 n-Octadecane (C18)

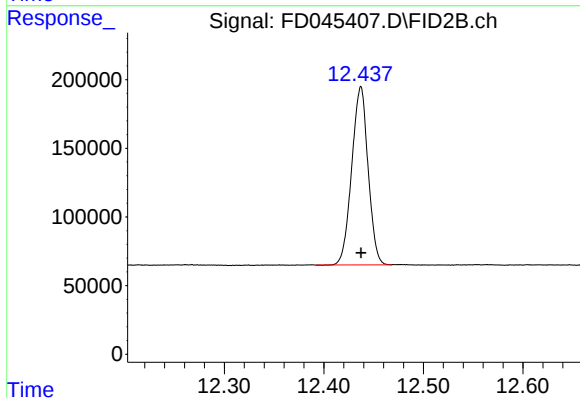
R.T.: 11.135 min
Delta R.T.: 0.000 min
Response: 1575694
Conc: 10.35 ug/ml



#9 ortho-Terphenyl (SURR)

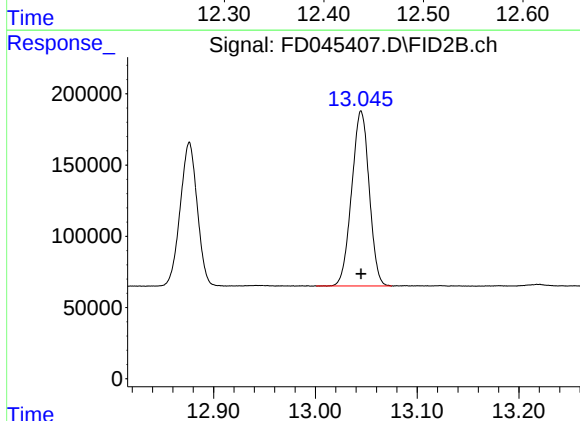
R.T.: 11.443 min
Delta R.T.: 0.000 min
Response: 1675887
Conc: 10.28 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



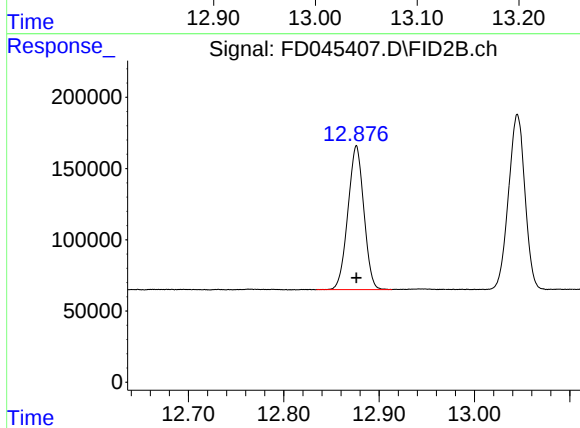
#10 n-Eicosane (C20)

R.T.: 12.437 min
Delta R.T.: 0.000 min
Response: 1480407
Conc: 10.22 ug/ml



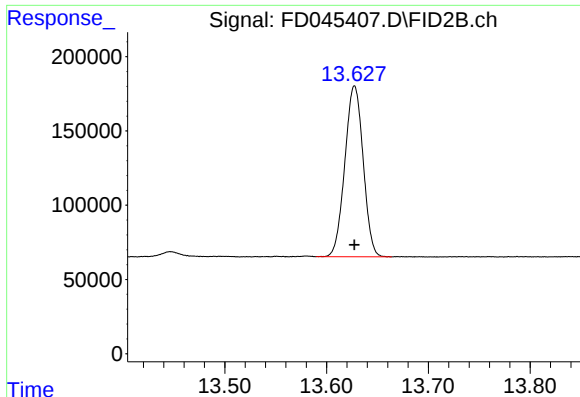
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: 0.000 min
Response: 1471151
Conc: 10.24 ug/ml



#12 1-chlorooctadecane (SURR)

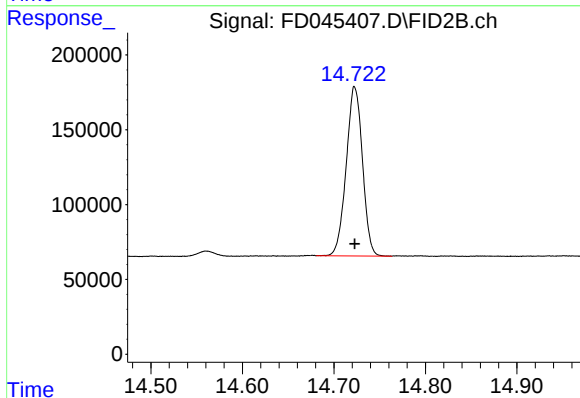
R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 1171936
Conc: 9.95 ug/ml



#13 n-Docosane (C22)

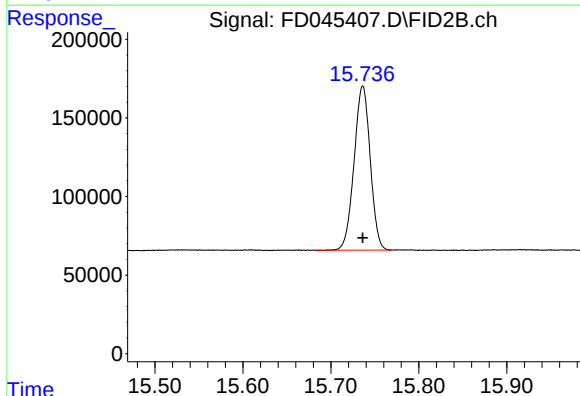
R.T.: 13.627 min
Delta R.T.: 0.000 min
Response: 1438808
Conc: 10.19 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



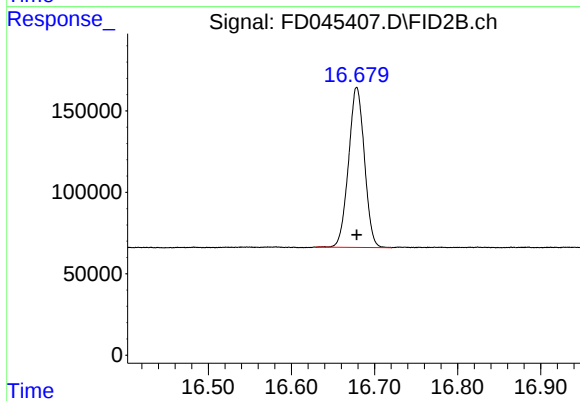
#14 n-Tetracosane (C24)

R.T.: 14.723 min
Delta R.T.: 0.000 min
Response: 1394083
Conc: 10.20 ug/ml



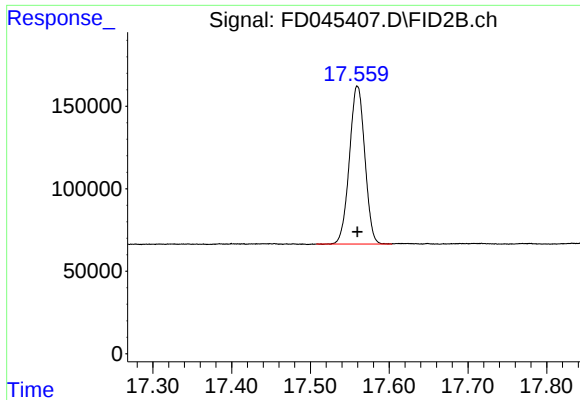
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: 0.000 min
Response: 1333032
Conc: 10.12 ug/ml



#16 n-Octacosane (C28)

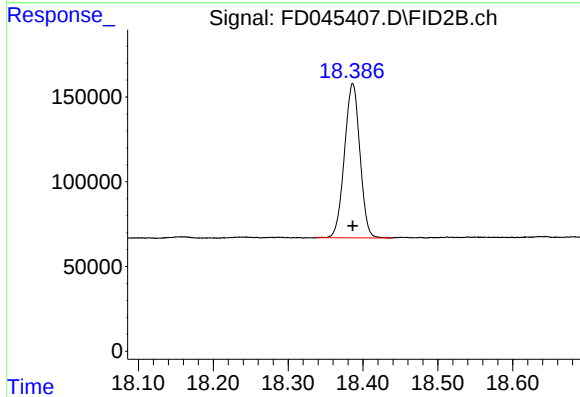
R.T.: 16.679 min
Delta R.T.: 0.000 min
Response: 1304144
Conc: 10.15 ug/ml



#17 n-Tricontane (C30)

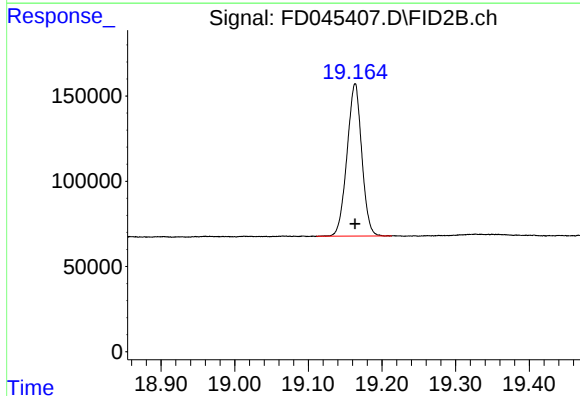
R.T.: 17.560 min
Delta R.T.: 0.000 min
Response: 1299616
Conc: 10.28 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



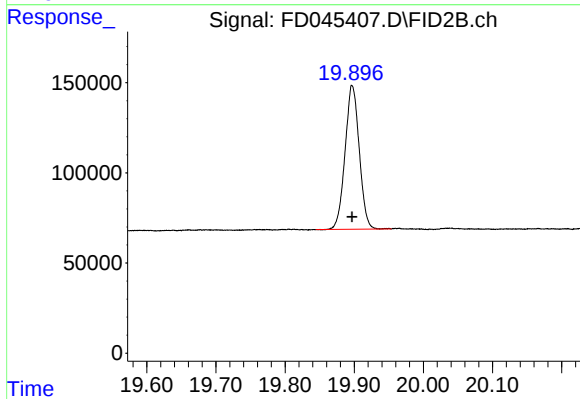
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: 0.000 min
Response: 1304947
Conc: 10.38 ug/ml



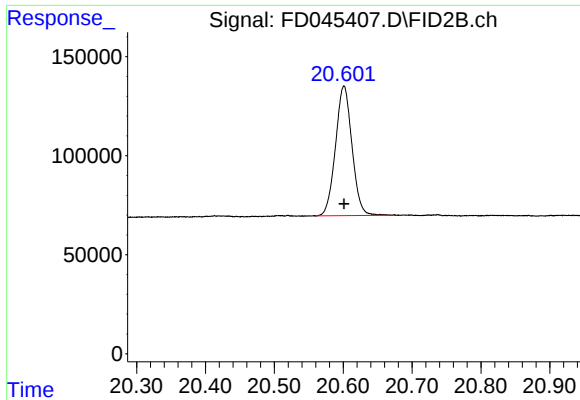
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.000 min
Response: 1244860
Conc: 10.26 ug/ml



#20 n-Hexatriacontane (C36)

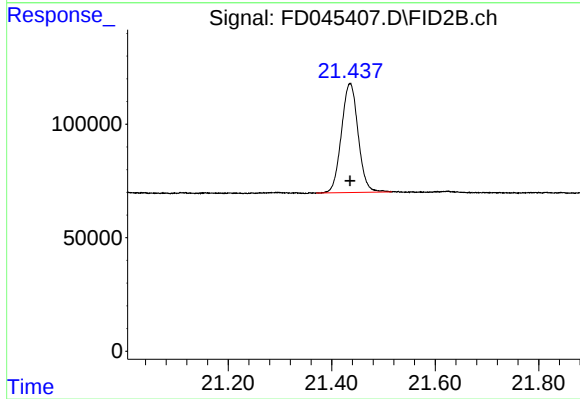
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 1137501
Conc: 10.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 1087782
Conc: 10.17 ug/ml

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FID_D
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.436 min
Delta R.T.: 0.000 min
Response: 1077638
Conc: 10.44 ug/ml