

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047733.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 11:53
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 13 12:31:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 12:30:24 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)	11.351	2151201	9.861 ug/ml
Spiked Amount 50.000		Recovery =	19.72%
12) S 1-chlorooctadecane (S...	12.791	1596828	9.785 ug/ml
Spiked Amount 50.000		Recovery =	19.57%
Target Compounds			
1) T n-Nonane (C9)	3.187	1894885	9.852 ug/ml
2) T n-Decane (C10)	4.239	1943450	9.805 ug/ml
3) T A~Naphthalene (C11.7)	5.796	2128936	9.720 ug/ml
4) T n-Dodecane (C12)	6.240	1950188	9.827 ug/ml
5) T A~2-methylnaphthalene...	6.845	2046965	9.677 ug/ml
6) T n-Tetradecane (C14)	8.024	1920450	9.832 ug/ml
7) T n-Hexadecane (C16)	9.615	1974661	9.817 ug/ml
8) T n-Octadecane (C18)	11.050	2003697	9.860 ug/ml
10) T n-Eicosane (C20)	12.353	1931257	9.891 ug/ml
11) T n-Heneicosane (C21)	12.962	1897472	9.901 ug/ml
13) T n-Docosane (C22)	13.544	1895703	9.959 ug/ml
14) T n-Tetracosane (C24)	14.642	1908009	10.120 ug/ml
15) T n-Hexacosane (C26)	15.658	1814708	9.990 ug/ml
16) T n-Octacosane (C28)	16.604	1741307	9.973 ug/ml
17) T n-Tricontane (C30)	17.486	1744742	10.013 ug/ml
18) T n-Dotriacontane (C32)	18.315	1728269	10.175 ug/ml
19) T n-Tetratriacontane (C34)	19.094	1586885	9.900 ug/ml
20) T n-Hexatriacontane (C36)	19.829	1514755	9.924 ug/ml
21) T n-Octatriacontane (C38)	20.531	1448044	9.786 ug/ml
22) T n-Tetracontane (C40)	21.339	1361355	9.593 ug/ml

(f)=RT Delta > 1/2 Window

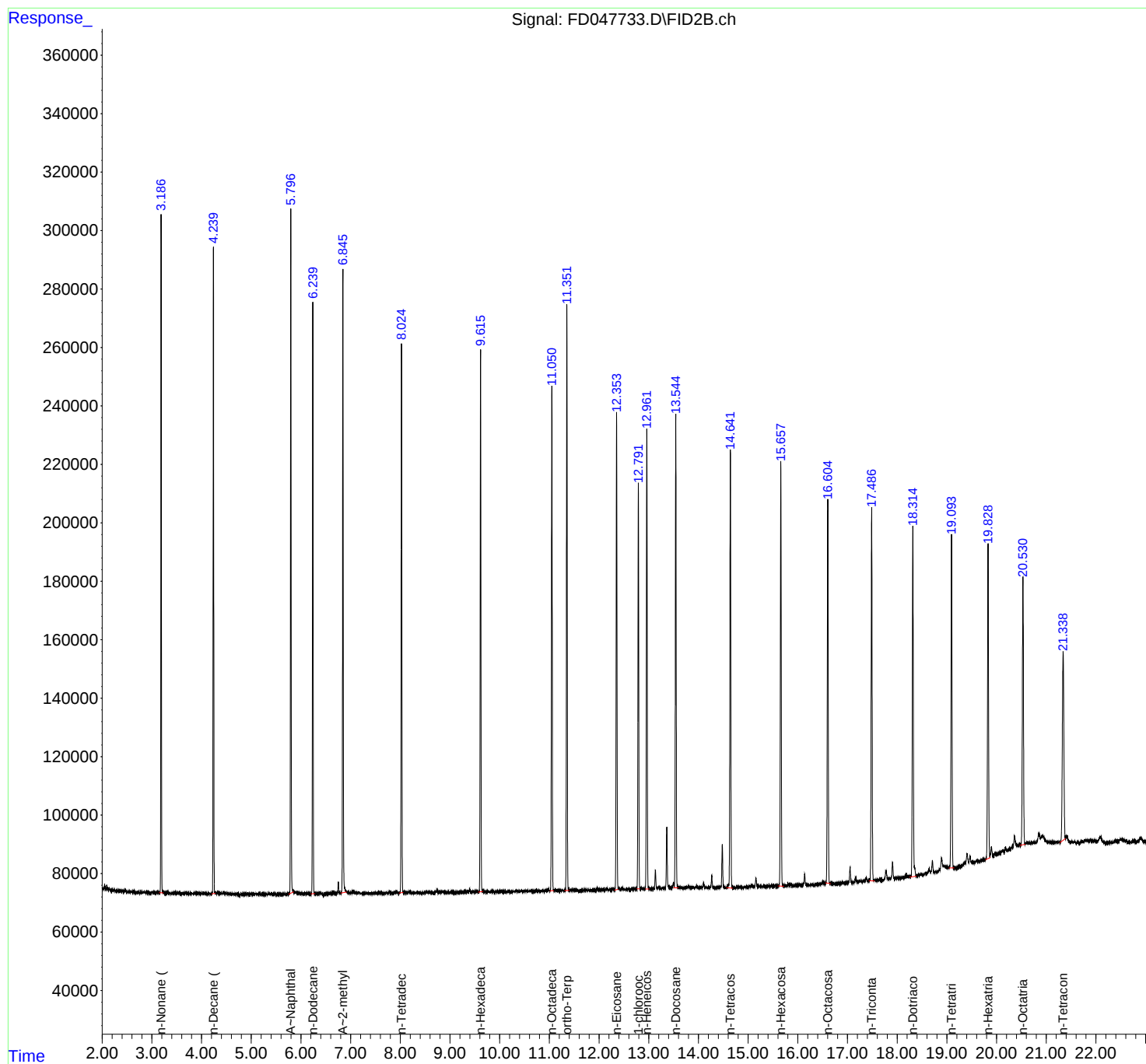
(m)=manual int.

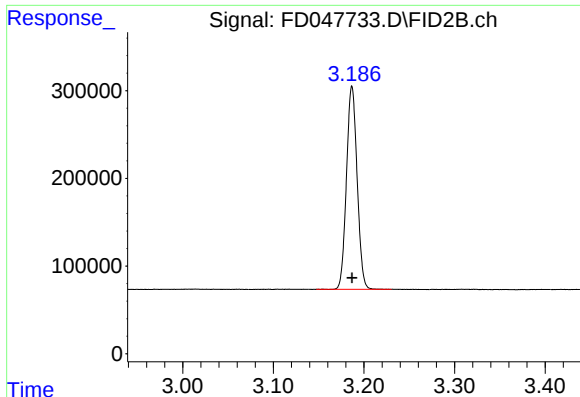
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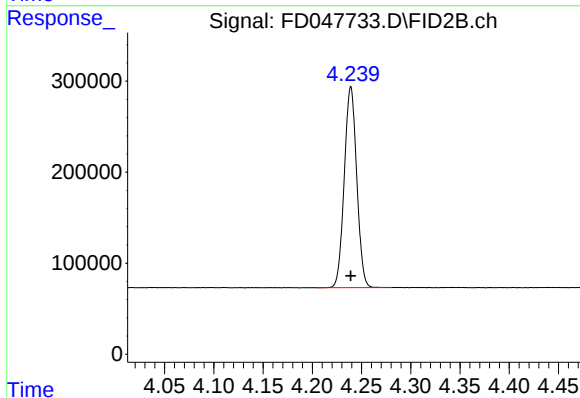




#1 n-Nonane (C9)

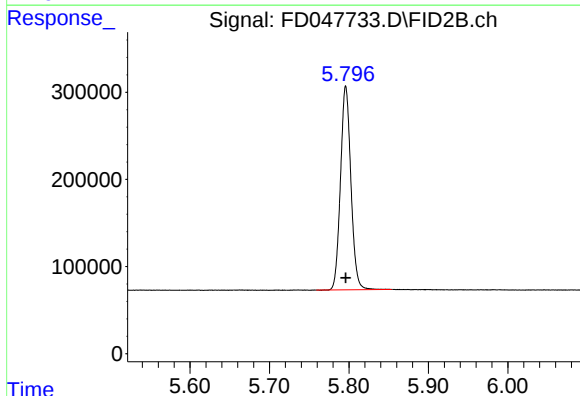
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 1894885
Conc: 9.85 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



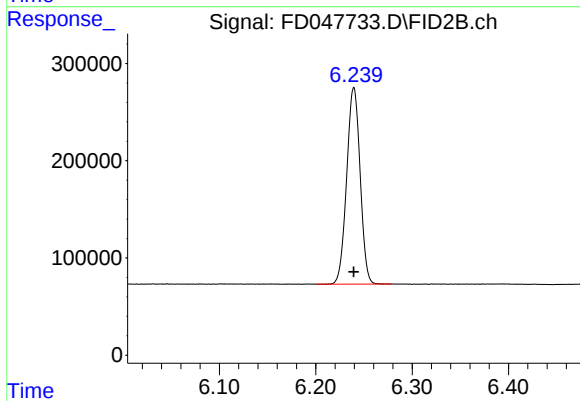
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 1943450
Conc: 9.80 ug/ml



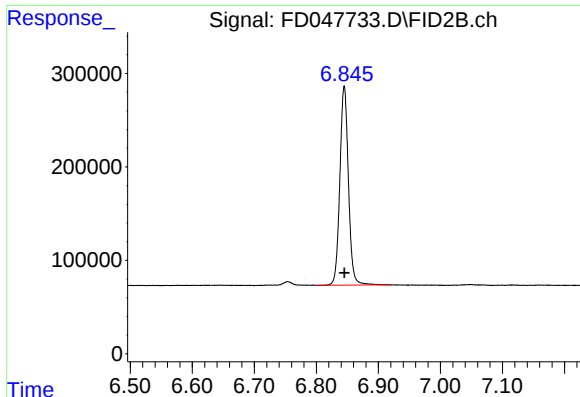
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 2128936
Conc: 9.72 ug/ml



#4 n-Dodecane (C12)

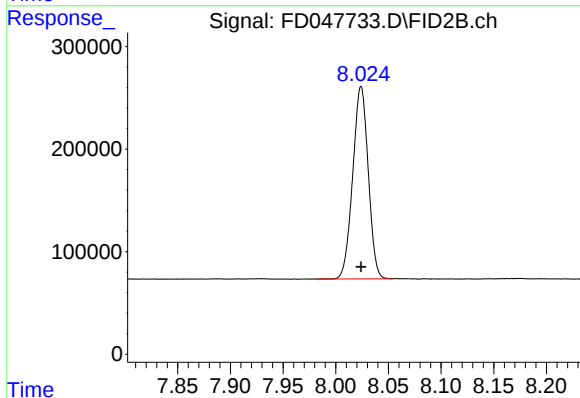
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 1950188
Conc: 9.83 ug/ml



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

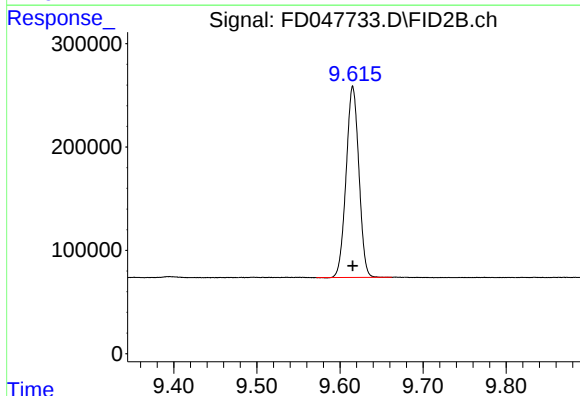
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 2046965
Conc: 9.68 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



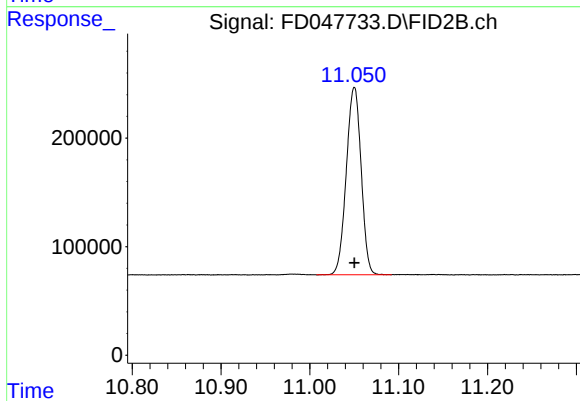
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 1920450
Conc: 9.83 ug/ml



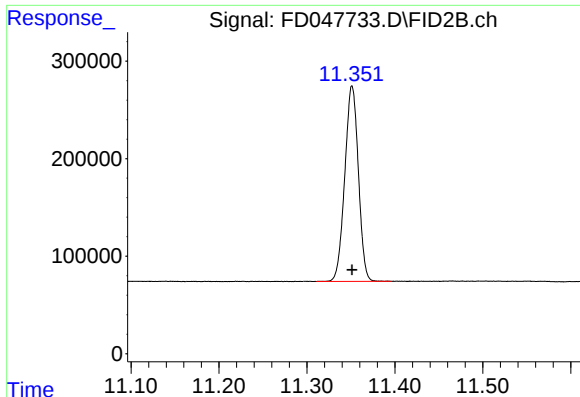
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: 0.000 min
Response: 1974661
Conc: 9.82 ug/ml



#8 n-Octadecane (C18)

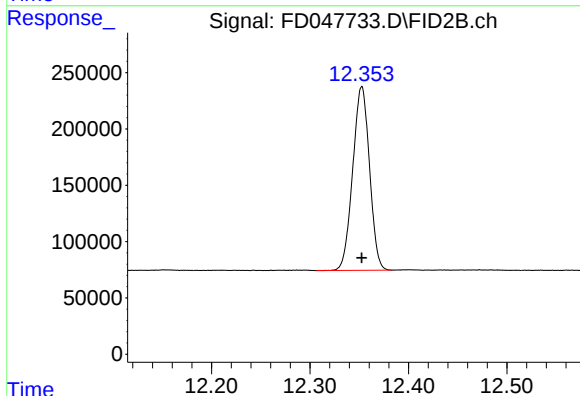
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 2003697
Conc: 9.86 ug/ml



#9 ortho-Terphenyl (SURR)

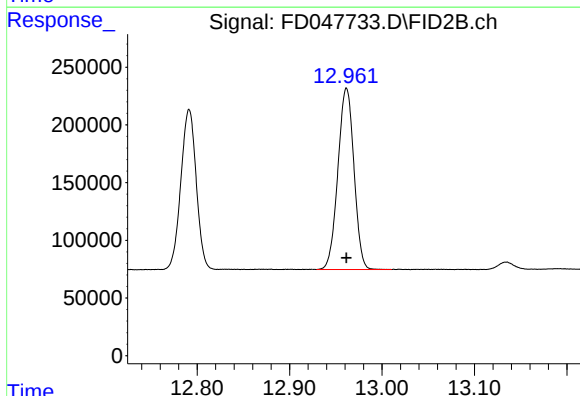
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 2151201
Conc: 9.86 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



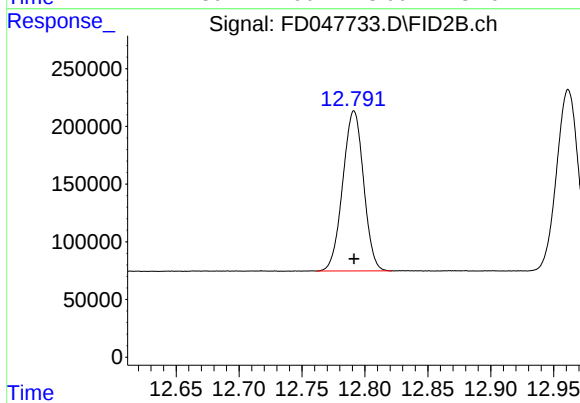
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 1931257
Conc: 9.89 ug/ml



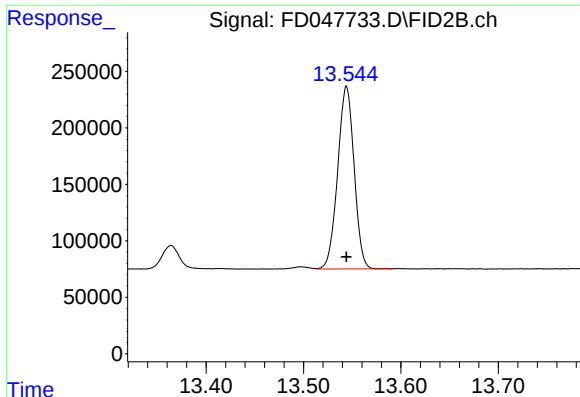
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 1897472
Conc: 9.90 ug/ml



#12 1-chlorooctadecane (SURR)

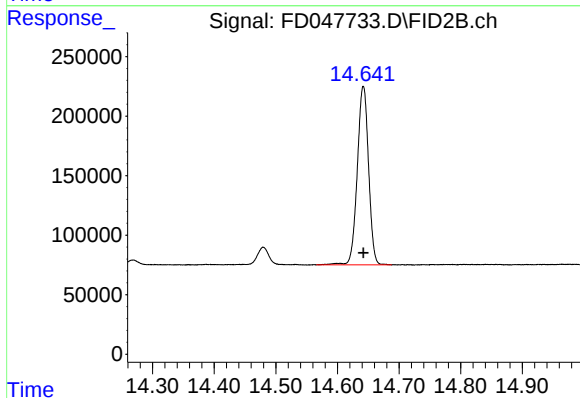
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 1596828
Conc: 9.78 ug/ml



#13 n-Docosane (C22)

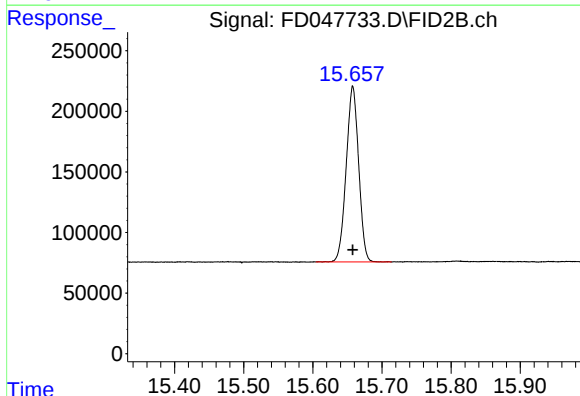
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 1895703
Conc: 9.96 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



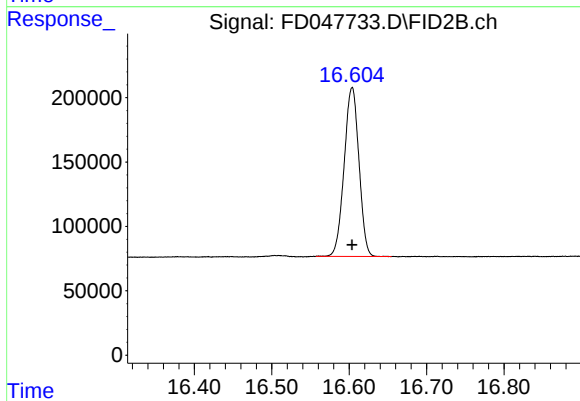
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 1908009
Conc: 10.12 ug/ml



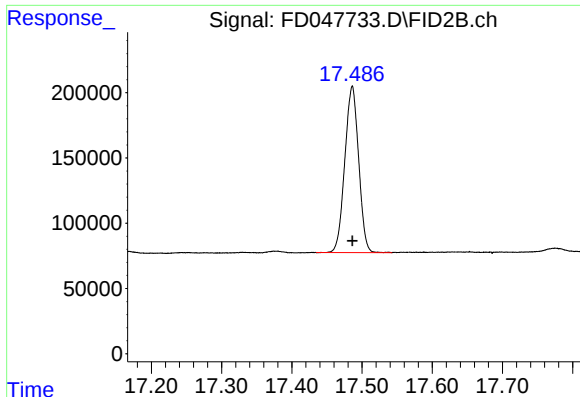
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.000 min
Response: 1814708
Conc: 9.99 ug/ml



#16 n-Octacosane (C28)

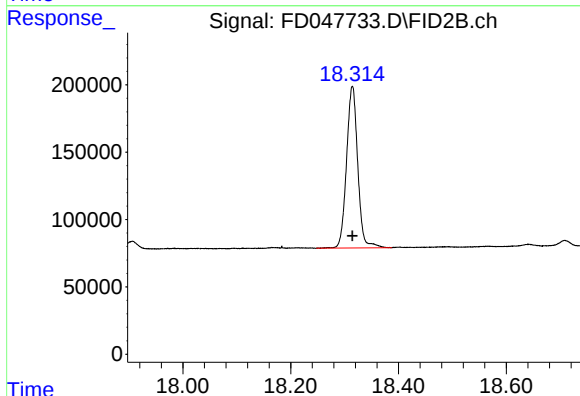
R.T.: 16.604 min
Delta R.T.: 0.000 min
Response: 1741307
Conc: 9.97 ug/ml



#17 n-Tricontane (C30)

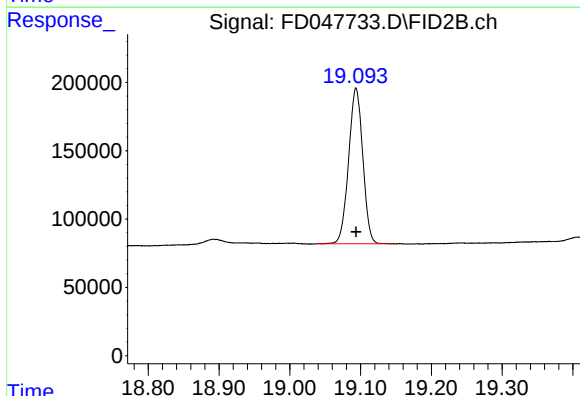
R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 1744742
Conc: 10.01 ug/ml

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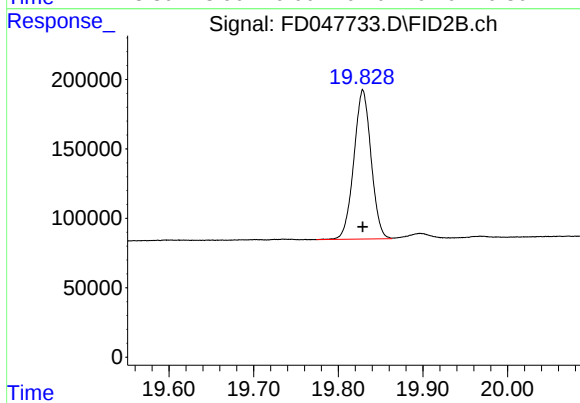
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.000 min
Response: 1728269
Conc: 10.17 ug/ml



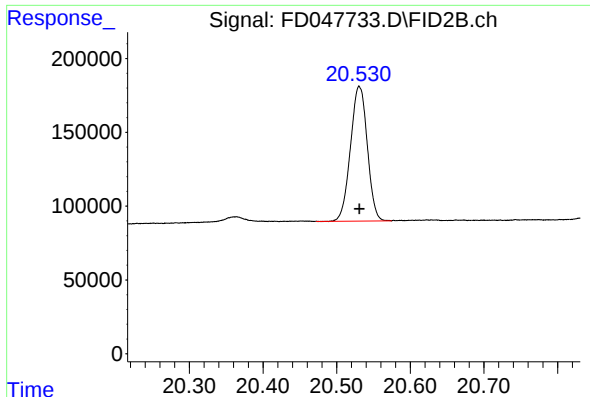
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 1586885
Conc: 9.90 ug/ml



#20 n-Hexatriacontane (C36)

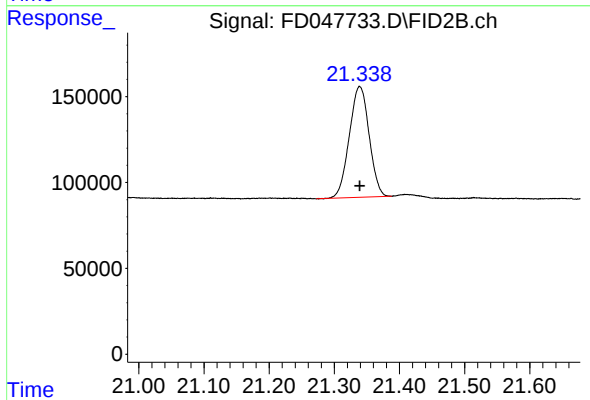
R.T.: 19.829 min
Delta R.T.: 0.000 min
Response: 1514755
Conc: 9.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 1448044
Conc: 9.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: 0.000 min
Response: 1361355
Conc: 9.59 ug/ml