

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014727.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 02:54
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 05:39:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:36:30 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)	11.912	1608377	10.793 ug/ml
Spiked Amount 50.000		Recovery =	21.59%
12) S 1-chlorooctadecane (S...	13.348	1264058	10.753 ug/ml
Spiked Amount 50.000		Recovery =	21.51%
Target Compounds			
1) T n-Nonane (C9)	3.314	1325903	10.746 ug/ml
2) T n-Decane (C10)	4.562	1347941	10.768 ug/ml
3) T A~Naphthalene (C11.7)	6.258	1480942	10.764 ug/ml
4) T n-Dodecane (C12)	6.722	1358690	10.780 ug/ml
5) T A~2-methylnaphthalene...	7.351	1439460	10.761 ug/ml
6) T n-Tetradecane (C14)	8.546	1356731	10.769 ug/ml
7) T n-Hexadecane (C16)	10.153	1420557	10.780 ug/ml
8) T n-Octadecane (C18)	11.594	1464781	10.773 ug/ml
10) T n-Eicosane (C20)	12.904	1438845	10.704 ug/ml
11) T n-Heneicosane (C21)	13.516	1440862	10.782 ug/ml
13) T n-Docosane (C22)	14.102	1449214	10.780 ug/ml
14) T n-Tetracosane (C24)	15.204	1473709	10.761 ug/ml
15) T n-Hexacosane (C26)	16.224	1472031	10.754 ug/ml
16) T n-Octacosane (C28)	17.173	1455504	10.770 ug/ml
17) T n-Tricontane (C30)	18.061	1488240	10.812 ug/ml
18) T n-Dotriacontane (C32)	18.894	1478958	10.991 ug/ml
19) T n-Tetratriacontane (C34)	19.677	1242805	10.860 ug/ml
20) T n-Hexatriacontane (C36)	20.416	1071902	10.844 ug/ml
21) T n-Octatriacontane (C38)	21.148	952125	10.806 ug/ml
22) T n-Tetracontane (C40)	22.053	918190	10.952 ug/ml

(f)=RT Delta > 1/2 Window

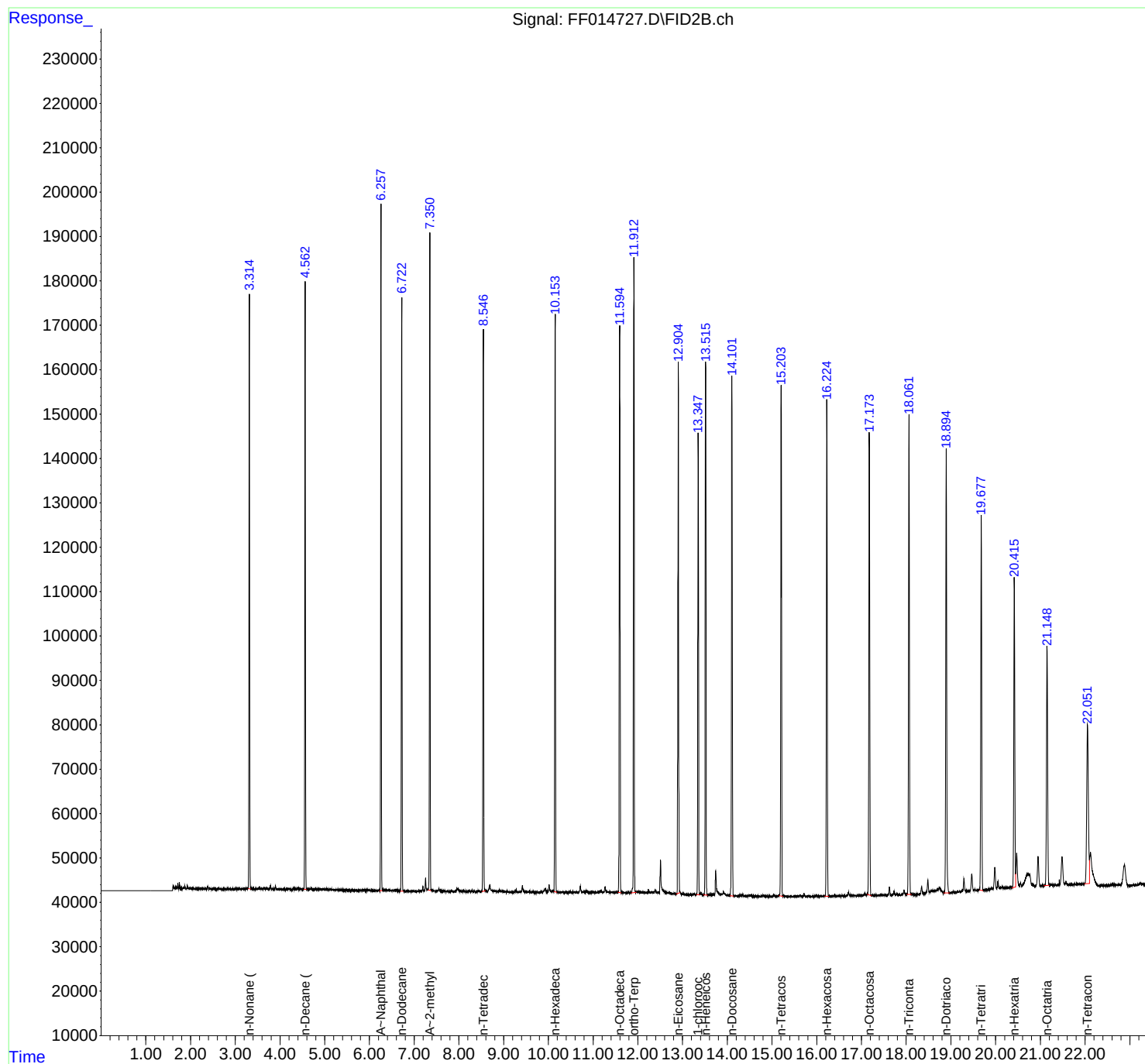
(m)=manual int.

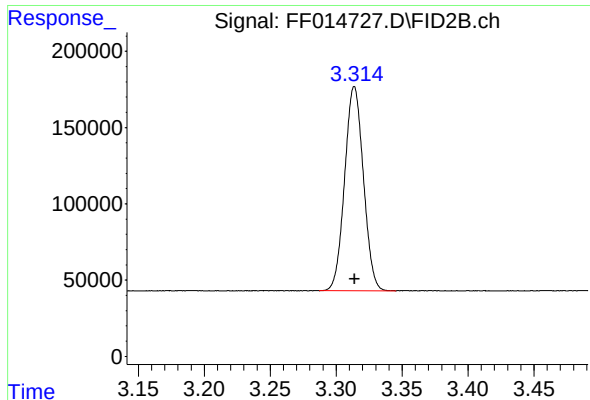
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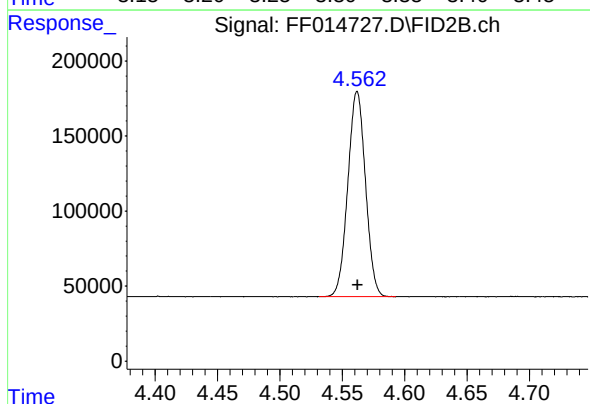




#1 n-Nonane (C9)

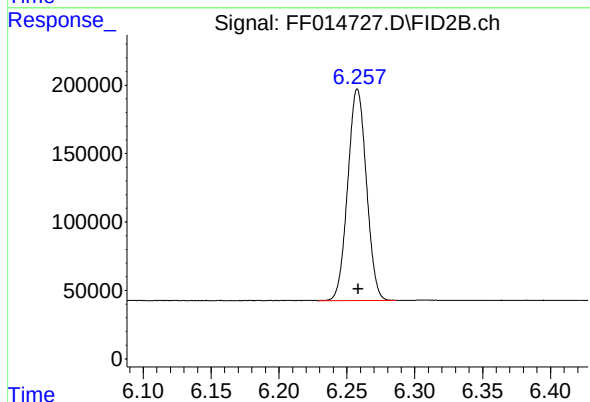
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 1325903
Conc: 10.75 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



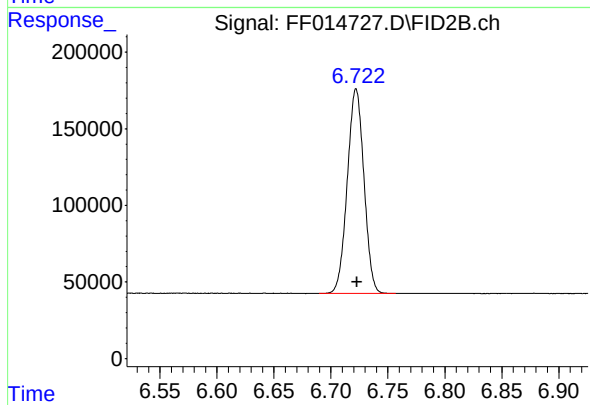
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 1347941
Conc: 10.77 ug/ml



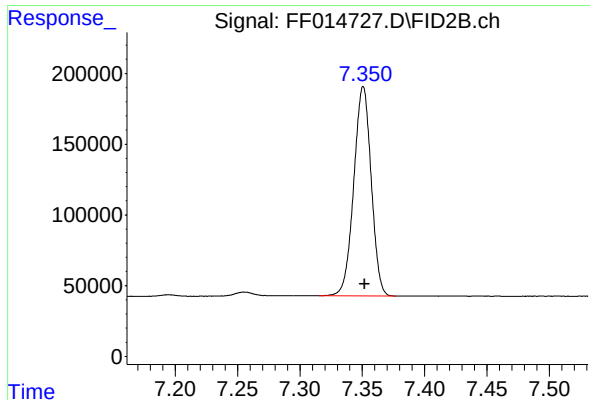
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 1480942
Conc: 10.76 ug/ml



#4 n-Dodecane (C12)

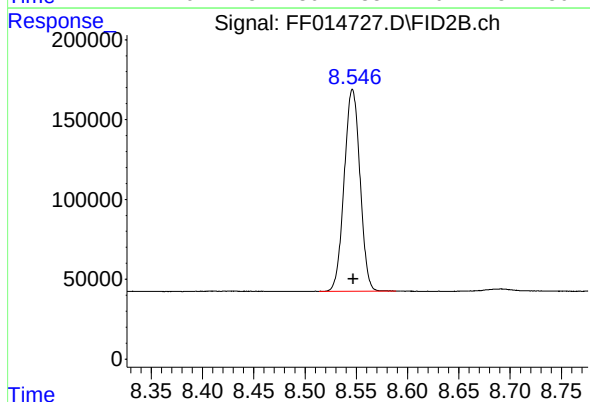
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 1358690
Conc: 10.78 ug/ml



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

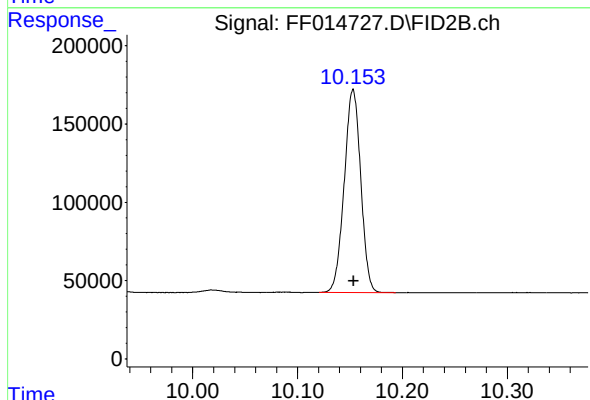
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 1439460
Conc: 10.76 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



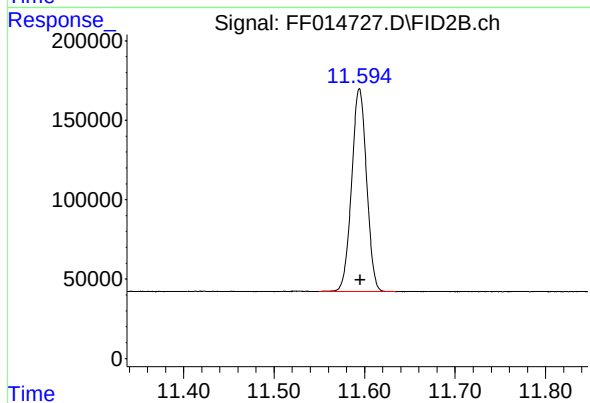
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 1356731
Conc: 10.77 ug/ml



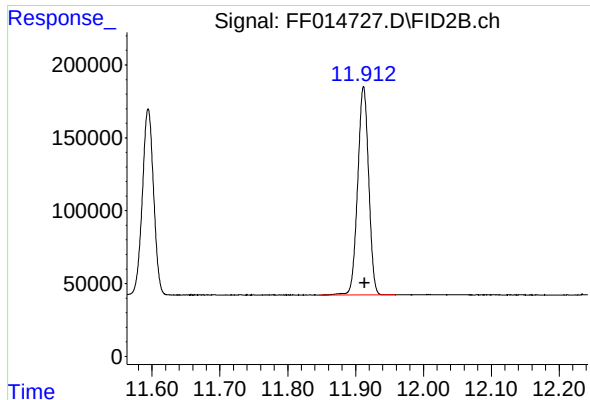
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 1420557
Conc: 10.78 ug/ml



#8 n-Octadecane (C18)

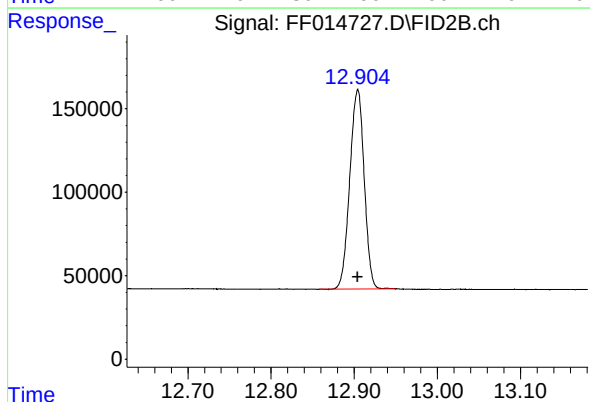
R.T.: 11.594 min
Delta R.T.: -0.001 min
Response: 1464781
Conc: 10.77 ug/ml



#9 ortho-Terphenyl (SURR)

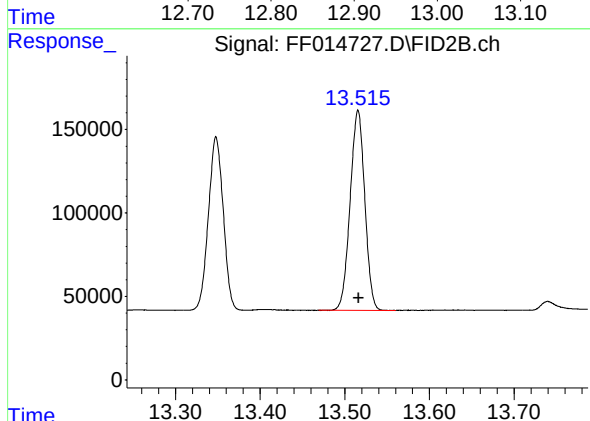
R.T.: 11.912 min
Delta R.T.: -0.001 min
Response: 1608377
Conc: 10.79 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



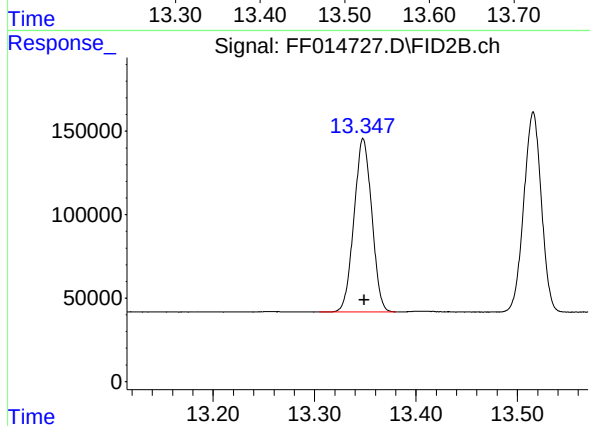
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 1438845
Conc: 10.70 ug/ml



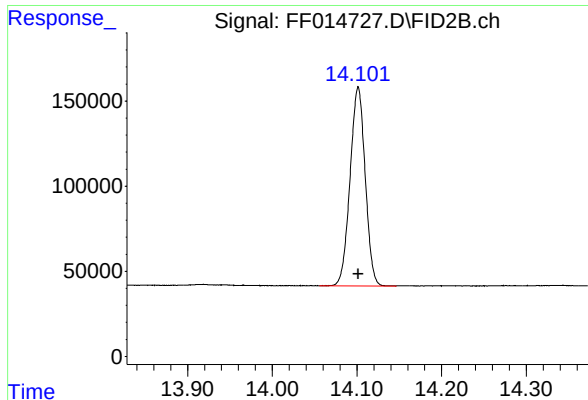
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.000 min
Response: 1440862
Conc: 10.78 ug/ml



#12 1-chlorooctadecane (SURR)

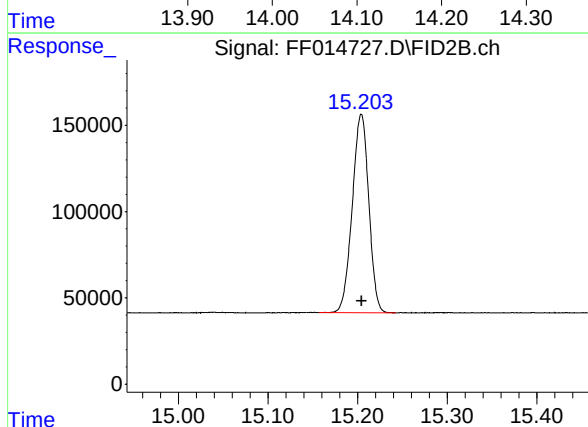
R.T.: 13.348 min
Delta R.T.: -0.001 min
Response: 1264058
Conc: 10.75 ug/ml



#13 n-Docosane (C22)

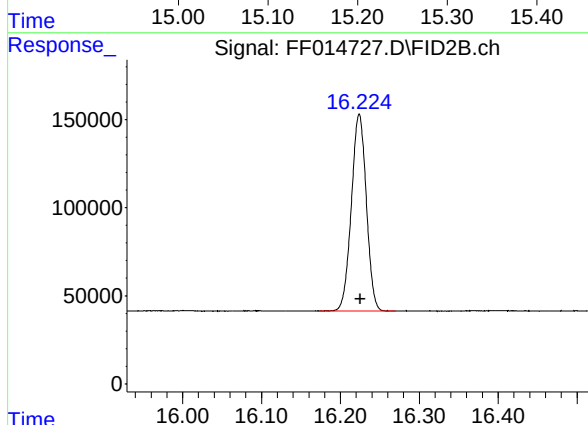
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 1449214
Conc: 10.78 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



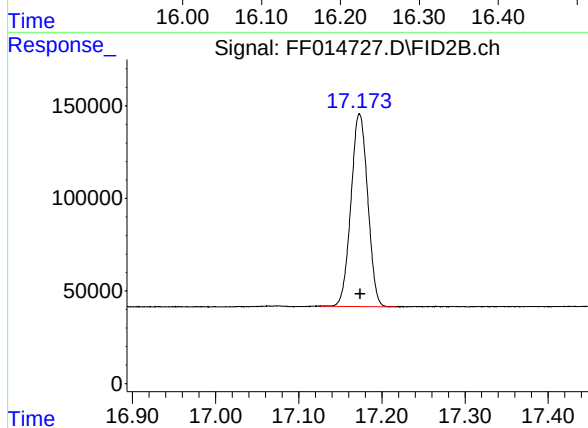
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 1473709
Conc: 10.76 ug/ml



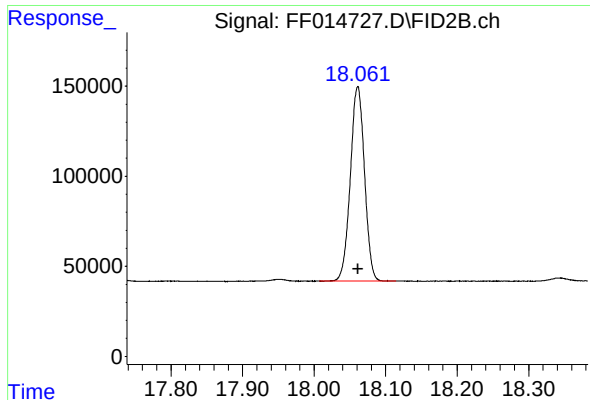
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 1472031
Conc: 10.75 ug/ml



#16 n-Octacosane (C28)

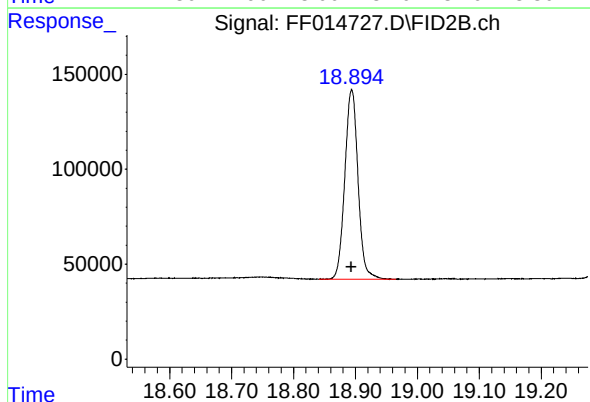
R.T.: 17.173 min
Delta R.T.: -0.001 min
Response: 1455504
Conc: 10.77 ug/ml



#17 n-Tricontane (C30)

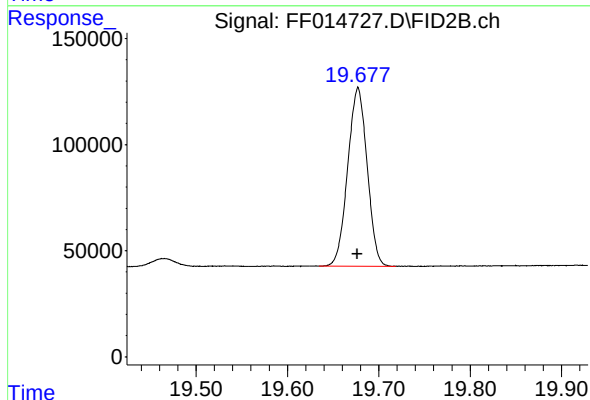
R.T.: 18.061 min
Delta R.T.: 0.000 min
Response: 1488240
Conc: 10.81 ug/ml

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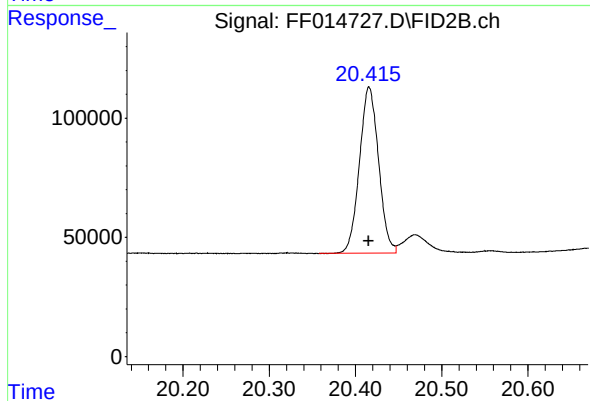
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: 0.000 min
Response: 1478958
Conc: 10.99 ug/ml



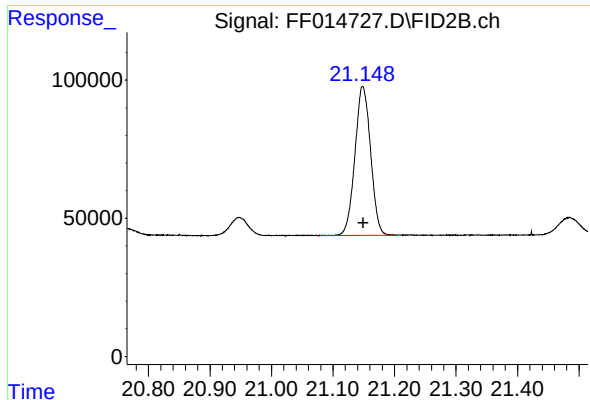
#19 n-Tetatriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.000 min
Response: 1242805
Conc: 10.86 ug/ml



#20 n-Hexatriacontane (C36)

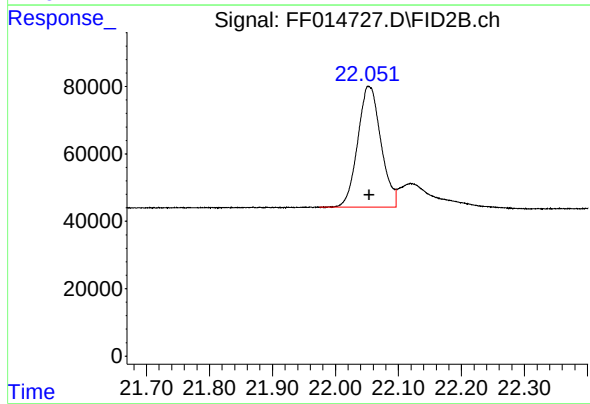
R.T.: 20.416 min
Delta R.T.: 0.000 min
Response: 1071902
Conc: 10.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: 0.000 min
Response: 952125
Conc: 10.81 ug/ml

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FID_F
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.001 min
Response: 918190
Conc: 10.95 ug/ml