

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014946.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 11:25
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 10 11:38:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 11:37:56 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)	11.942	1493154	9.865 ug/ml
Spiked Amount 50.000		Recovery =	19.73%
12) S 1-chlorooctadecane (S...	13.383	1069306	9.714 ug/ml
Spiked Amount 50.000		Recovery =	19.43%
Target Compounds			
1) T n-Nonane (C9)	3.316	1355731	10.003 ug/ml
2) T n-Decane (C10)	4.566	1381692	9.990 ug/ml
3) T A~Naphthalene (C11.7)	6.271	1444893	9.865 ug/ml
4) T n-Dodecane (C12)	6.736	1393004	9.979 ug/ml
5) T A~2-methylnaphthalene...	7.368	1369365	9.810 ug/ml
6) T n-Tetradecane (C14)	8.568	1375800	9.962 ug/ml
7) T n-Hexadecane (C16)	10.179	1406009	9.938 ug/ml
8) T n-Octadecane (C18)	11.626	1404467	9.906 ug/ml
10) T n-Eicosane (C20)	12.938	1323144	9.856 ug/ml
11) T n-Heneicosane (C21)	13.551	1293546	9.846 ug/ml
13) T n-Docosane (C22)	14.138	1272404	9.813 ug/ml
14) T n-Tetracosane (C24)	15.243	1248648	9.815 ug/ml
15) T n-Hexacosane (C26)	16.266	1203777	9.798 ug/ml
16) T n-Octacosane (C28)	17.214	1169344	9.845 ug/ml
17) T n-Tricontane (C30)	18.103	1182645	9.964 ug/ml
18) T n-Dotriacontane (C32)	18.936	1137462	10.072 ug/ml
19) T n-Tetratriacontane (C34)	19.721	994934	10.082 ug/ml
20) T n-Hexatriacontane (C36)	20.460	859890	10.108 ug/ml
21) T n-Octatriacontane (C38)	21.209	807529	10.194 ug/ml
22) T n-Tetracontane (C40)	22.144	769291	10.442 ug/ml

(f)=RT Delta > 1/2 Window

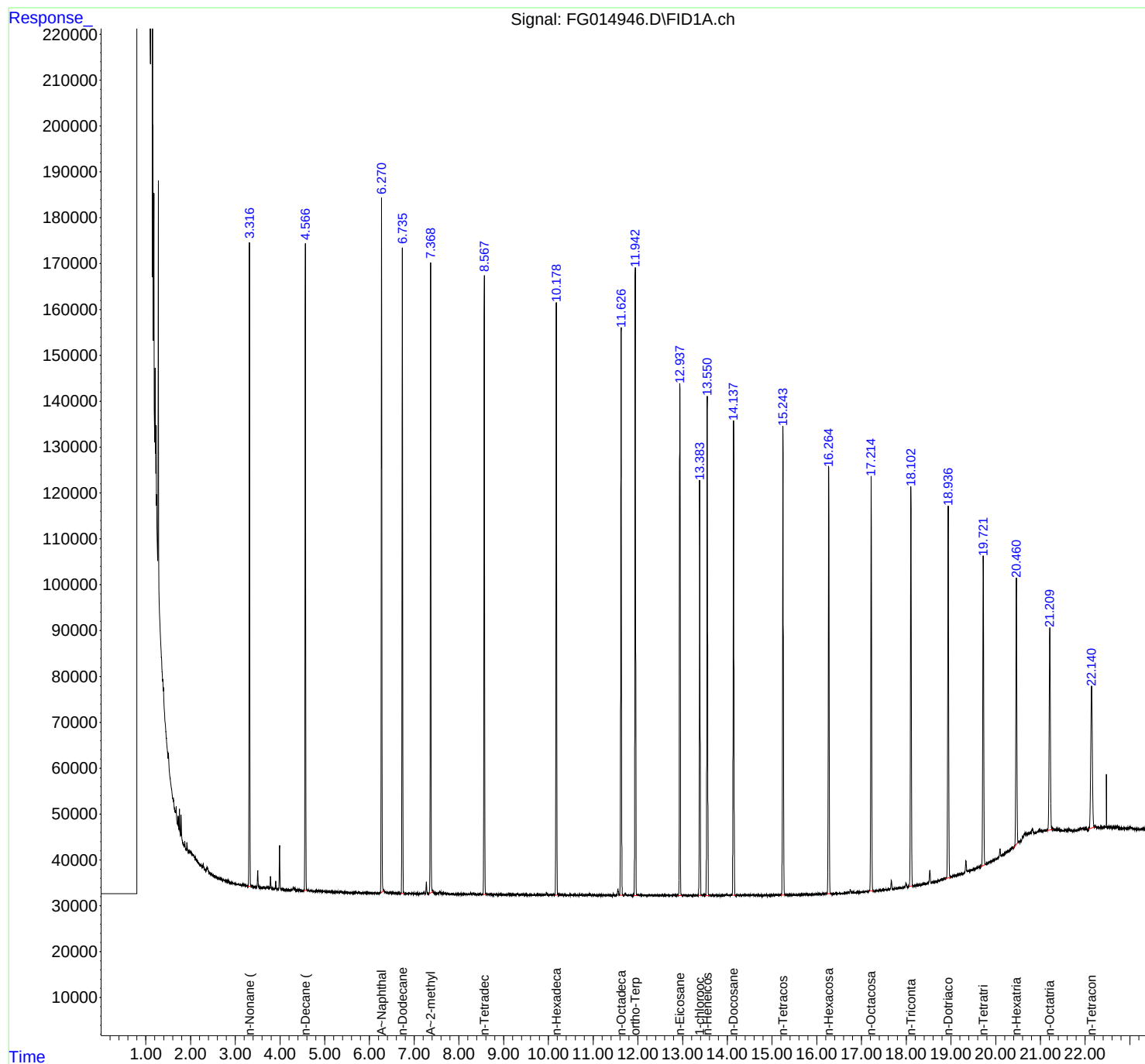
(m)=manual int.

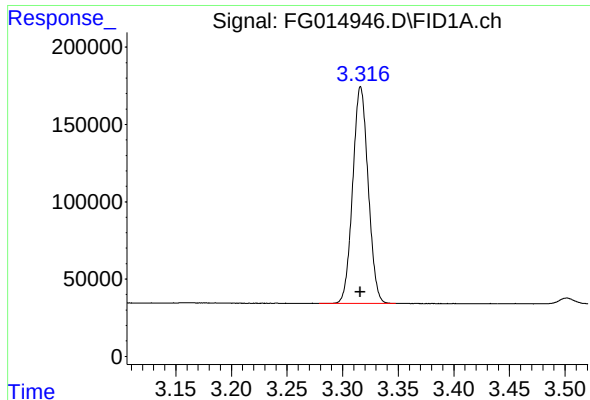
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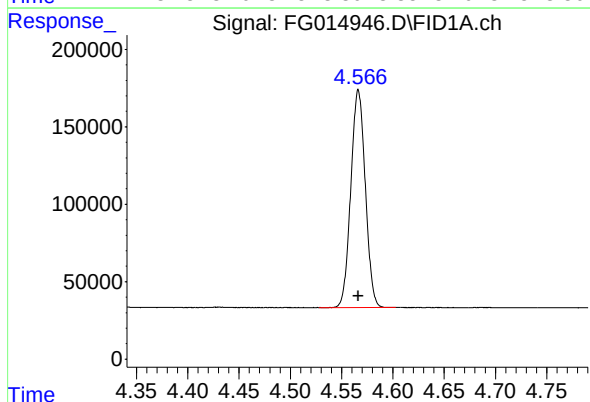




#1 n-Nonane (C9)

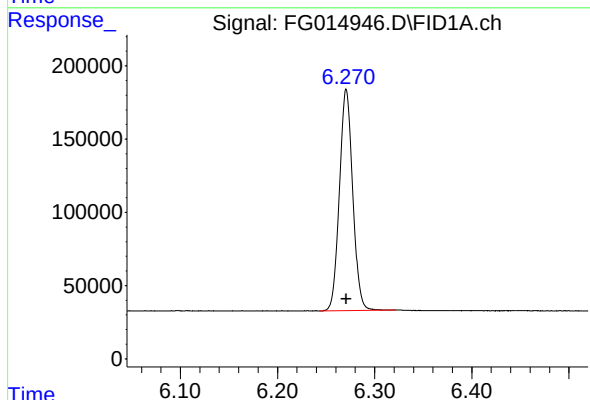
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 1355731
Conc: 10.00 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



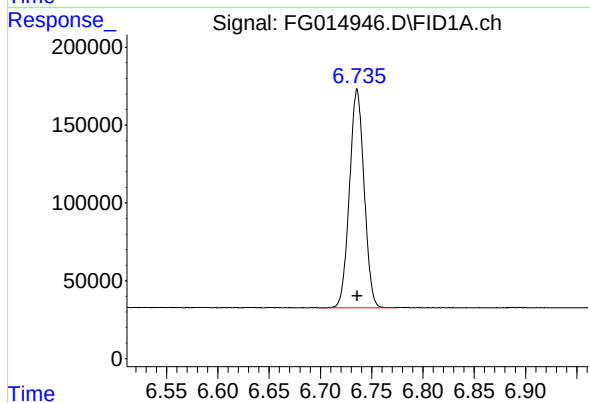
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1381692
Conc: 9.99 ug/ml



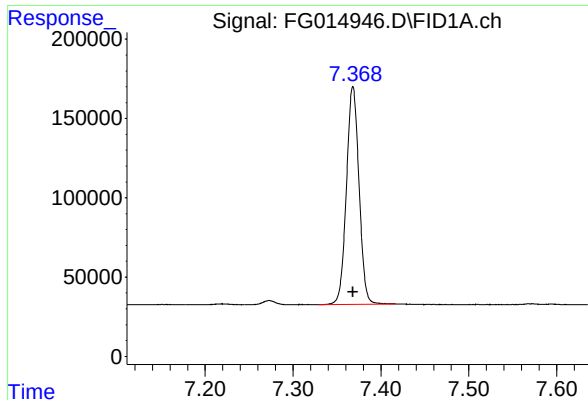
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 1444893
Conc: 9.87 ug/ml



#4 n-Dodecane (C12)

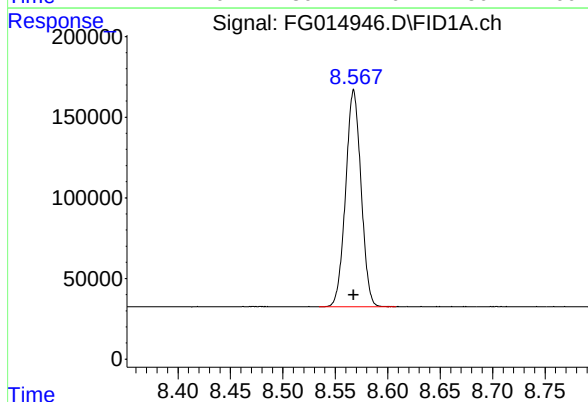
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1393004
Conc: 9.98 ug/ml



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

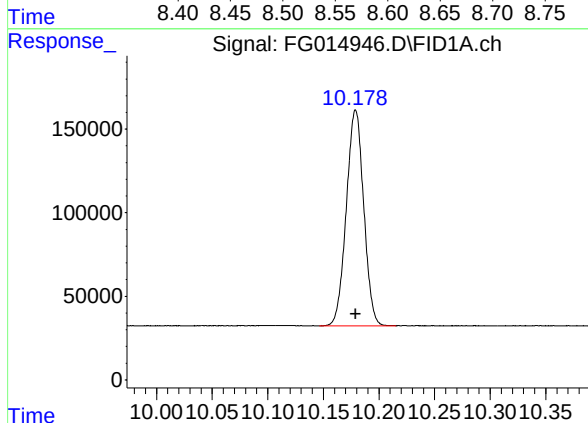
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 1369365
Conc: 9.81 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



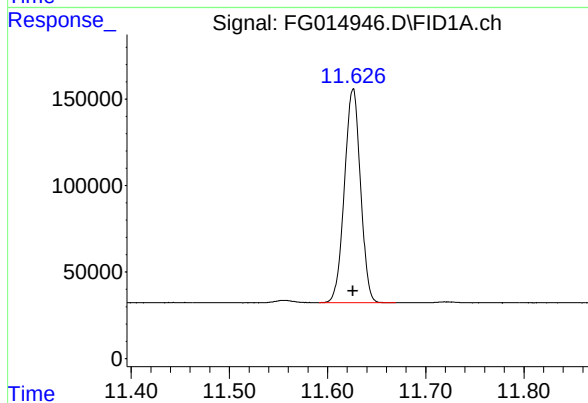
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1375800
Conc: 9.96 ug/ml



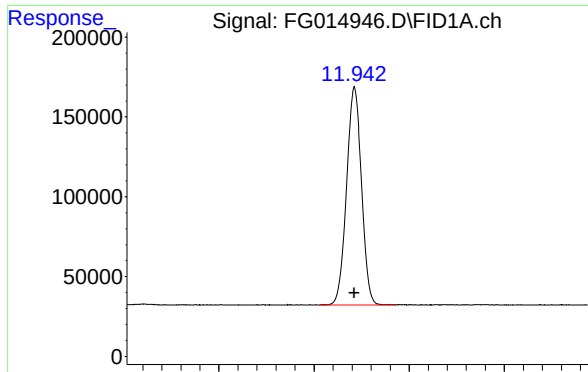
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 1406009
Conc: 9.94 ug/ml



#8 n-Octadecane (C18)

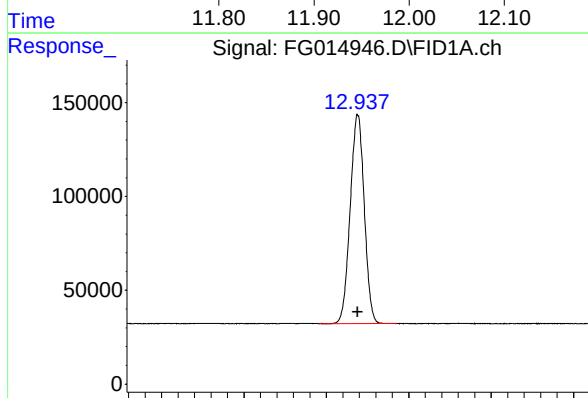
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 1404467
Conc: 9.91 ug/ml



#9 ortho-Terphenyl (SURR)

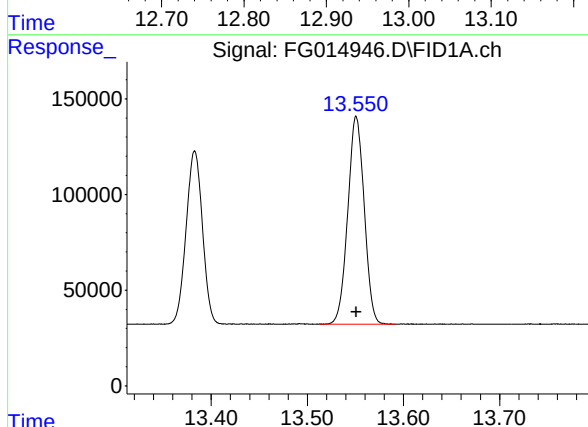
R.T.: 11.942 min
Delta R.T.: 0.000 min
Response: 1493154
Conc: 9.87 ug/ml

Instrument :
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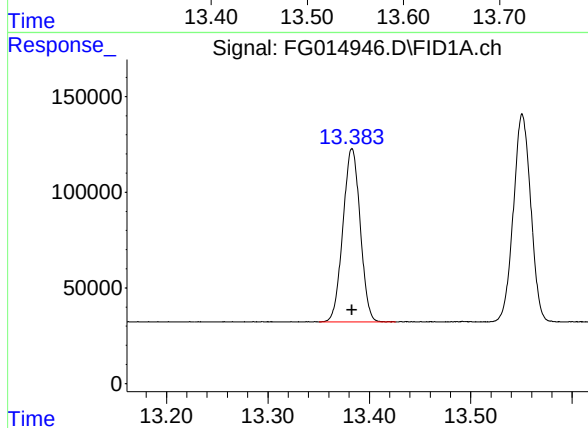
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 1323144
Conc: 9.86 ug/ml



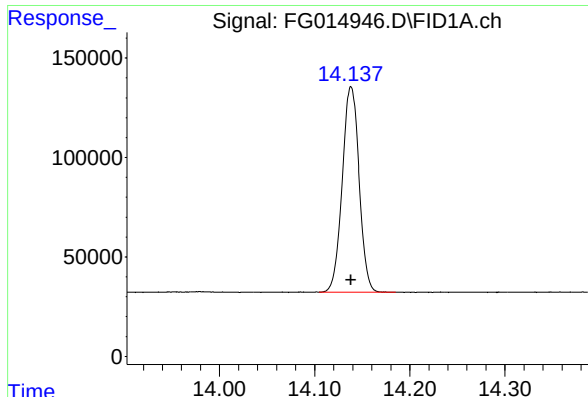
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.000 min
Response: 1293546
Conc: 9.85 ug/ml



#12 1-chlorooctadecane (SURR)

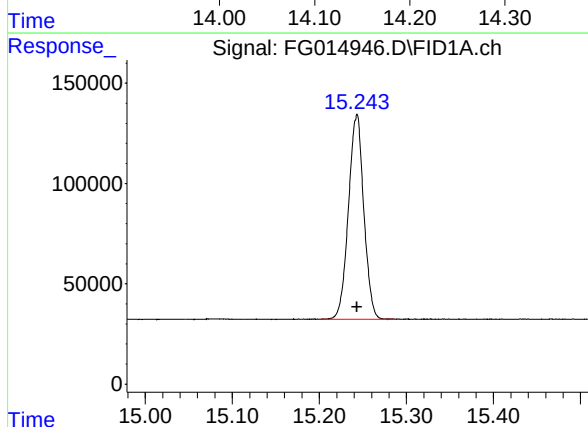
R.T.: 13.383 min
Delta R.T.: 0.000 min
Response: 1069306
Conc: 9.71 ug/ml



#13 n-Docosane (C22)

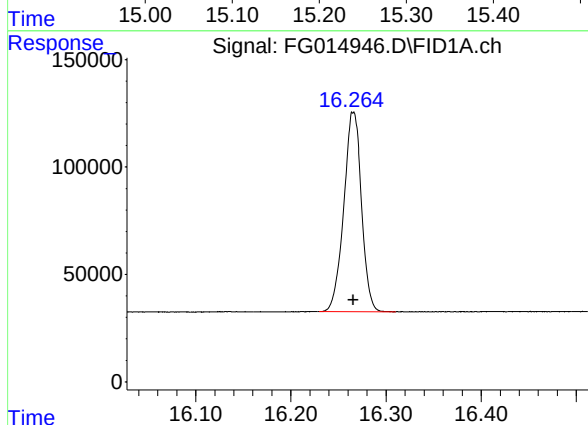
R.T.: 14.138 min
Delta R.T.: 0.000 min
Response: 1272404
Conc: 9.81 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



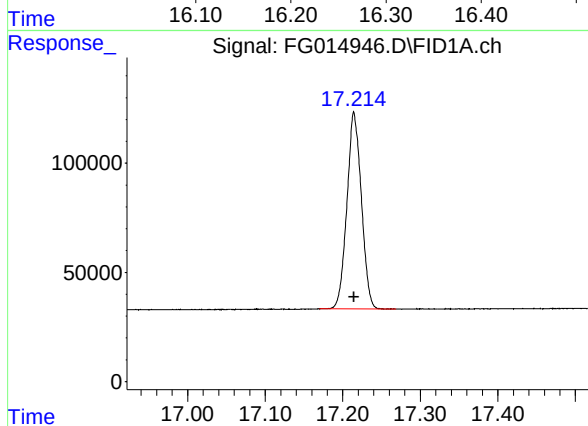
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 1248648
Conc: 9.82 ug/ml



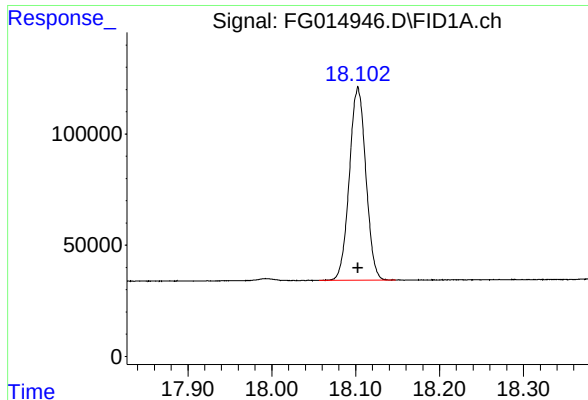
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 1203777
Conc: 9.80 ug/ml



#16 n-Octacosane (C28)

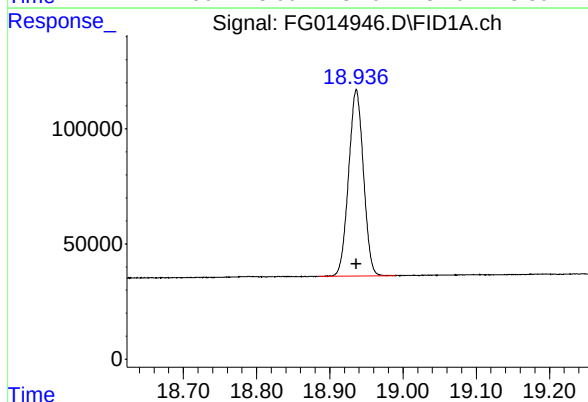
R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 1169344
Conc: 9.85 ug/ml



#17 n-Tricontane (C30)

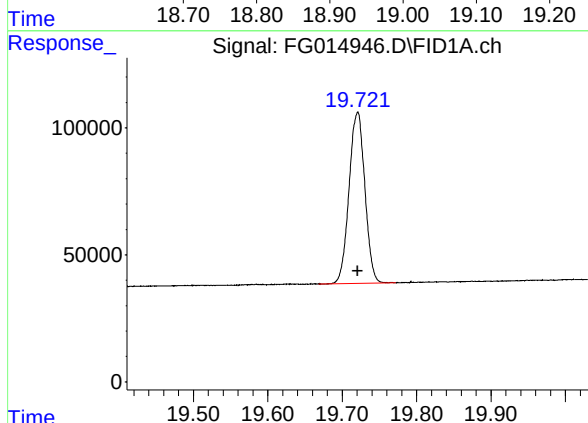
R.T.: 18.103 min
Delta R.T.: 0.000 min
Response: 1182645
Conc: 9.96 ug/ml

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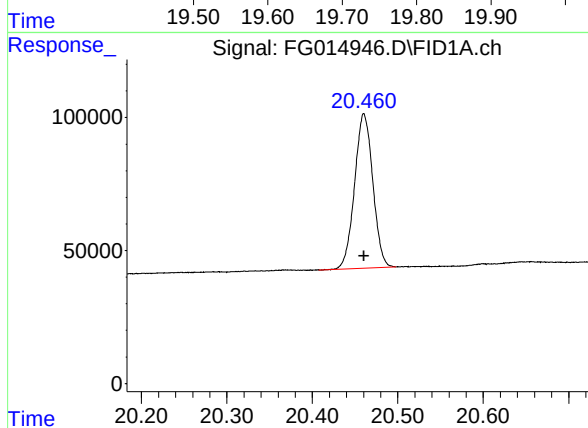
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 1137462
Conc: 10.07 ug/ml



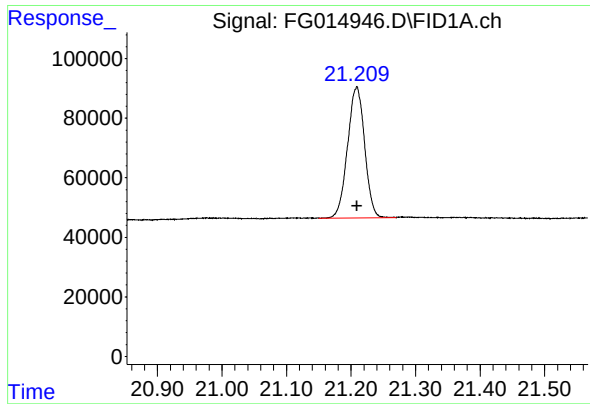
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 994934
Conc: 10.08 ug/ml



#20 n-Hexatriacontane (C36)

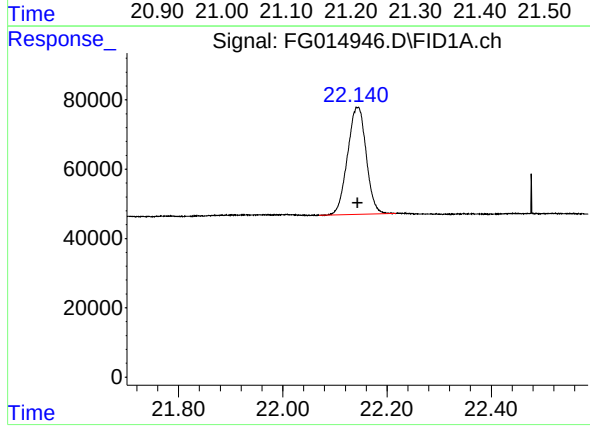
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 859890
Conc: 10.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 807529
Conc: 10.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.000 min
Response: 769291
Conc: 10.44 ug/ml