

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015811.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 11:58
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 12 12:05:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:05:12 2025
 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)	11.895	1602836	10.703 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
12) S 1-chlorooctadecane (S...	13.341	1243902	10.740 ug/ml
Spiked Amount 50.000		Recovery =	21.48%
Target Compounds			
1) T n-Nonane (C9)	3.242	1201212	10.589 ug/ml
2) T n-Decane (C10)	4.501	1210017	10.565 ug/ml
3) T A~Naphthalene (C11.7)	6.214	1233022	10.182 ug/ml
4) T n-Dodecane (C12)	6.680	1231371	10.557 ug/ml
5) T A~2-methylnaphthalene...	7.317	1189879	9.964 ug/ml
6) T n-Tetradecane (C14)	8.517	1226578	10.519 ug/ml
7) T n-Hexadecane (C16)	10.131	1261485	10.538 ug/ml
8) T n-Octadecane (C18)	11.580	1305400	10.657 ug/ml
10) T n-Eicosane (C20)	12.894	1323436	10.775 ug/ml
11) T n-Heneicosane (C21)	13.508	1326101	10.816 ug/ml
13) T n-Docosane (C22)	14.096	1322212	10.840 ug/ml
14) T n-Tetracosane (C24)	15.203	1317600	10.881 ug/ml
15) T n-Hexacosane (C26)	16.226	1308211	10.950 ug/ml
16) T n-Octacosane (C28)	17.180	1292913	11.034 ug/ml
17) T n-Tricontane (C30)	18.071	1309744	11.152 ug/ml
18) T n-Dotriacontane (C32)	18.904	1302970	11.223 ug/ml
19) T n-Tetratriacontane (C34)	19.689	1230523	11.134 ug/ml
20) T n-Hexatriacontane (C36)	20.431	1187406	11.023 ug/ml
21) T n-Octatriacontane (C38)	21.172	1143762	11.139 ug/ml
22) T n-Tetracontane (C40)	22.091	1073686	10.869 ug/ml

(f)=RT Delta > 1/2 Window

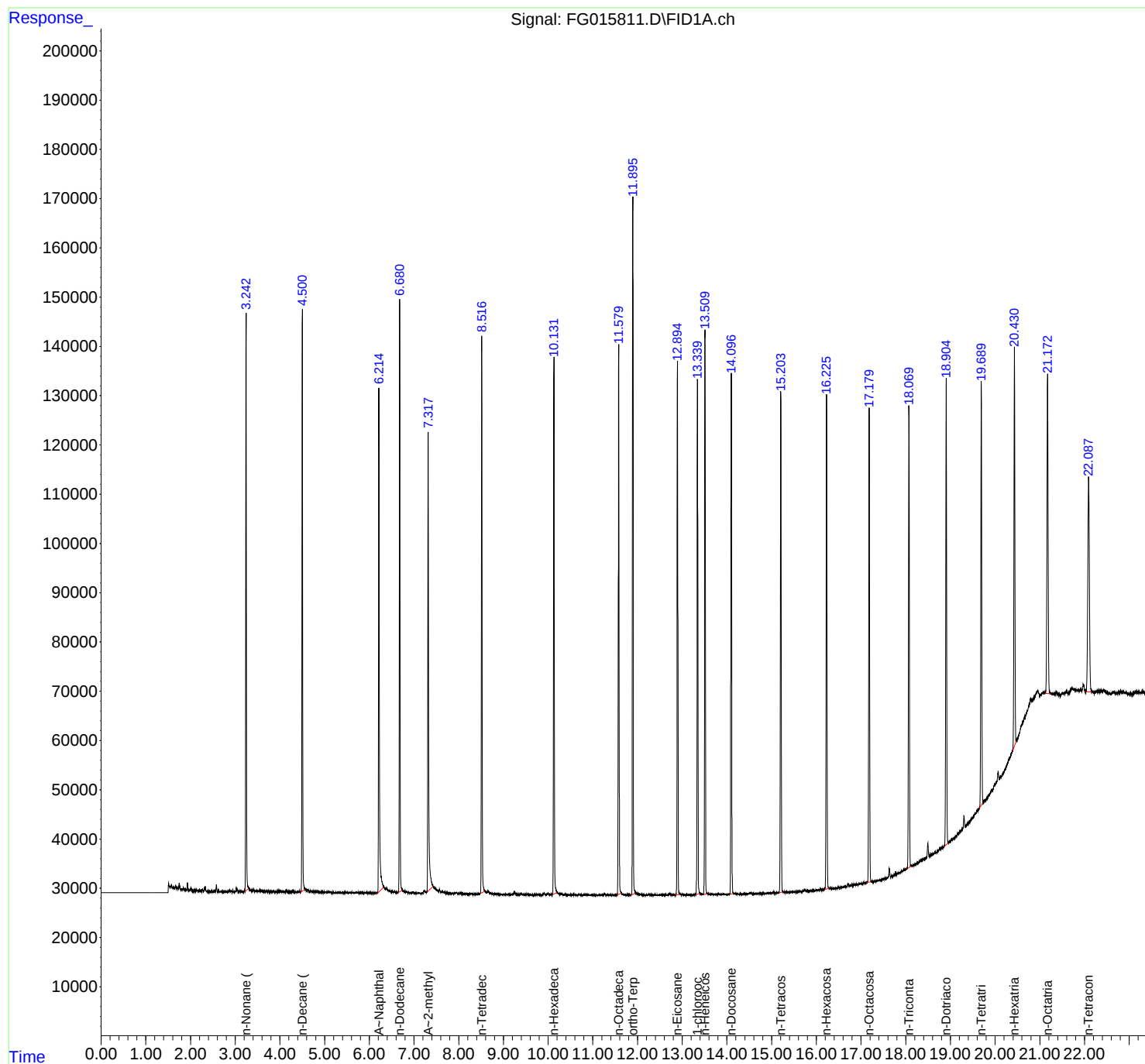
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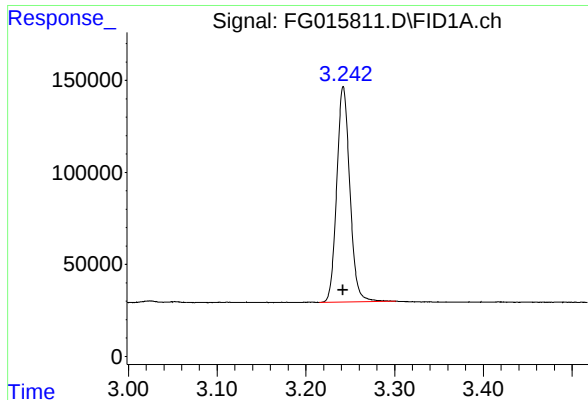
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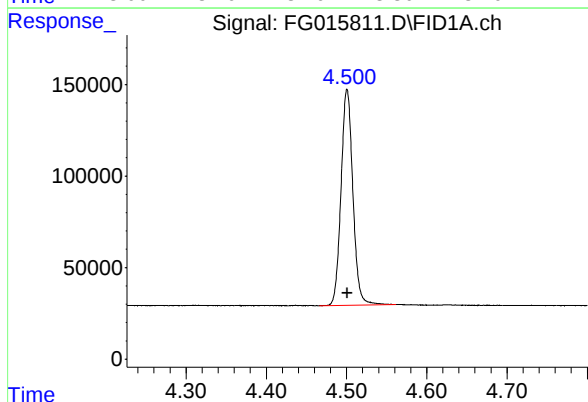




#1 n-Nonane (C9)

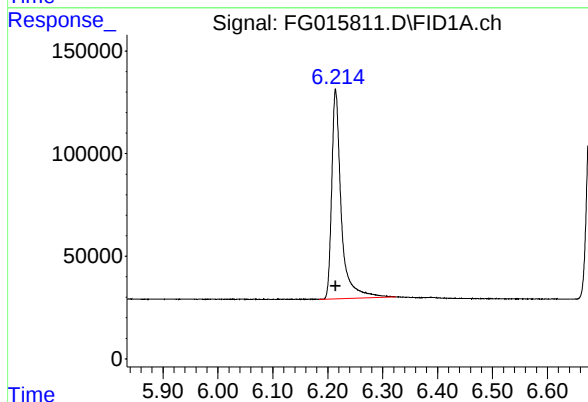
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 1201212
Conc: 10.59 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



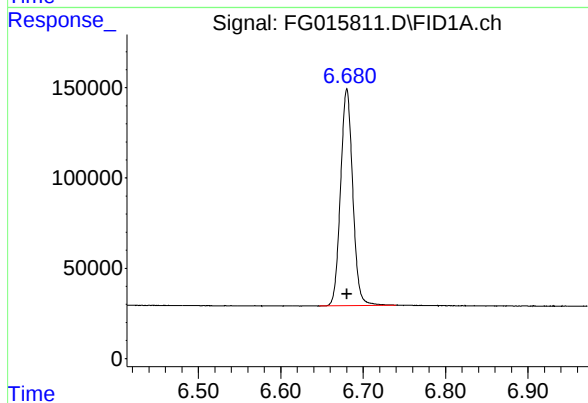
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 1210017
Conc: 10.57 ug/ml



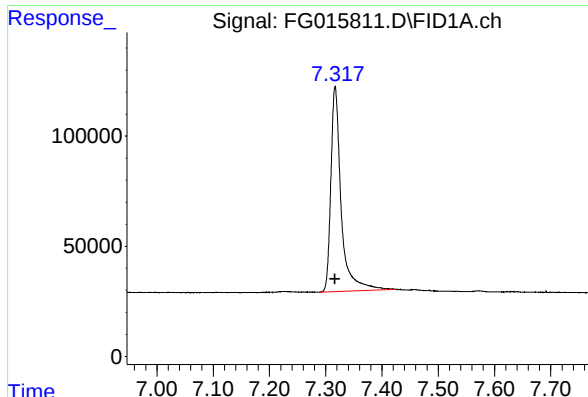
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1233022
Conc: 10.18 ug/ml



#4 n-Dodecane (C12)

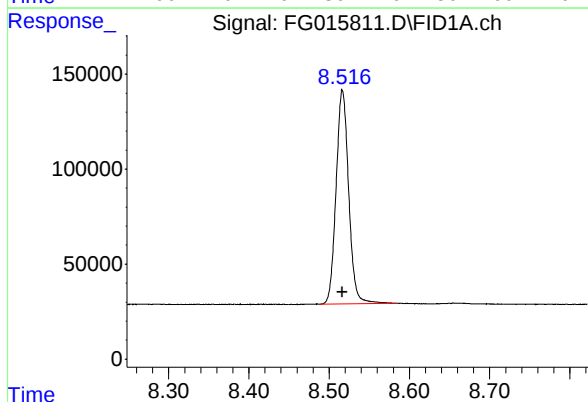
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1231371
Conc: 10.56 ug/ml



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

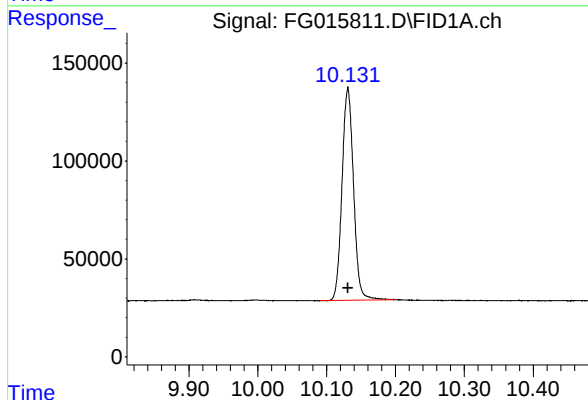
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1189879
Conc: 9.96 ug/ml

Instrument :
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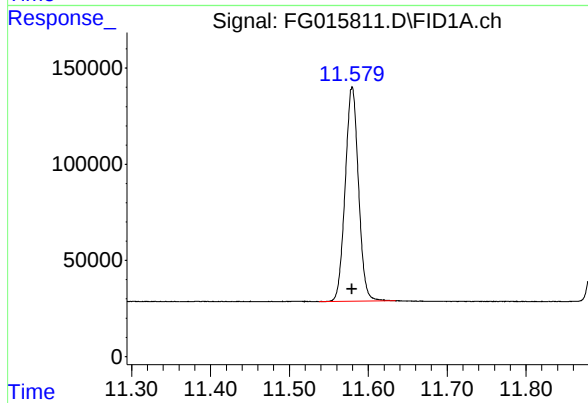
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1226578
Conc: 10.52 ug/ml



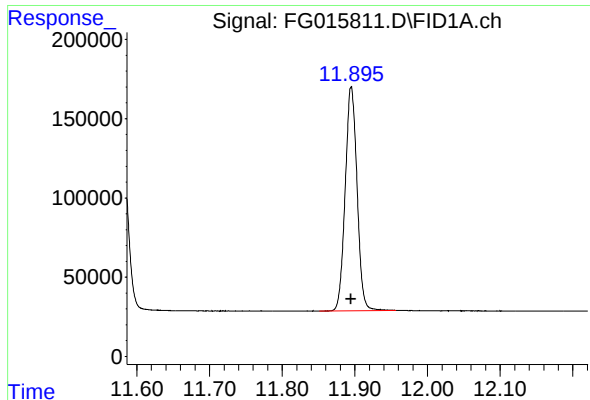
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 1261485
Conc: 10.54 ug/ml



#8 n-Octadecane (C18)

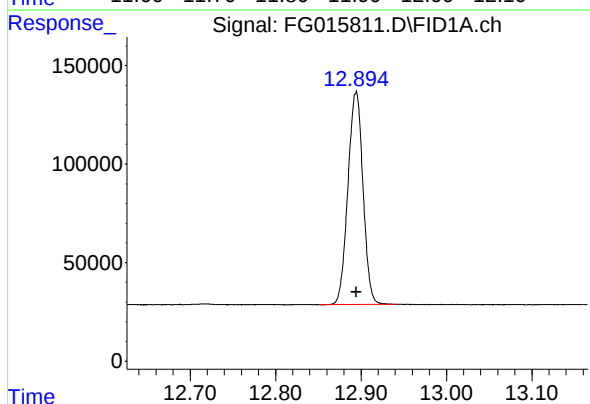
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 1305400
Conc: 10.66 ug/ml



#9 ortho-Terphenyl (SURR)

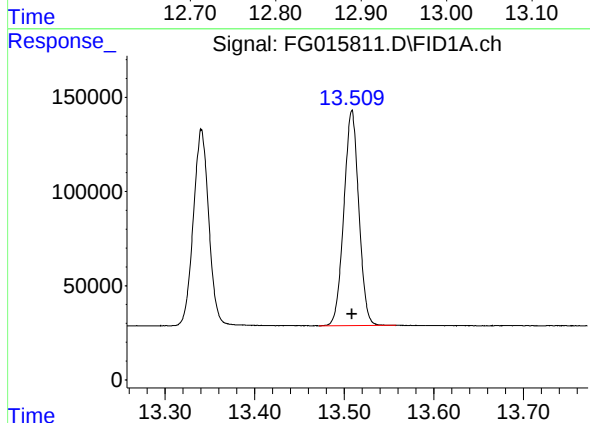
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 1602836
Conc: 10.70 ug/ml

Instrument :
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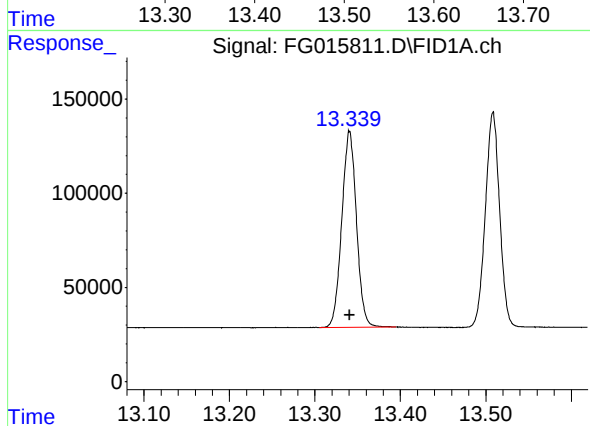
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 1323436
Conc: 10.77 ug/ml



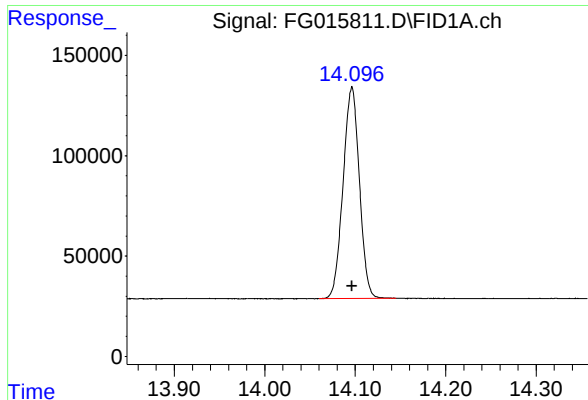
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 1326101
Conc: 10.82 ug/ml



#12 1-chlorooctadecane (SURR)

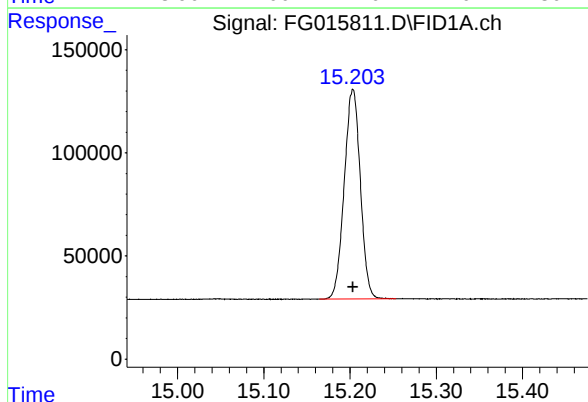
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 1243902
Conc: 10.74 ug/ml



#13 n-Docosane (C22)

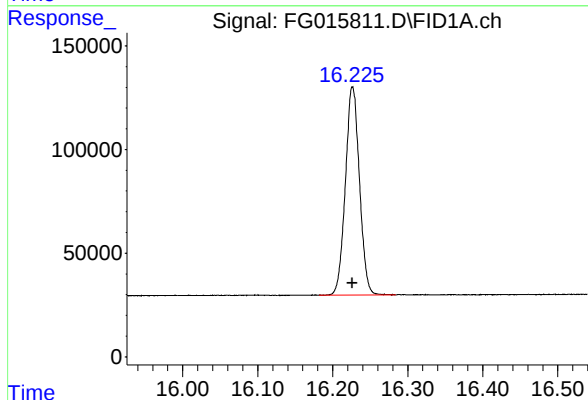
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 1322212
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



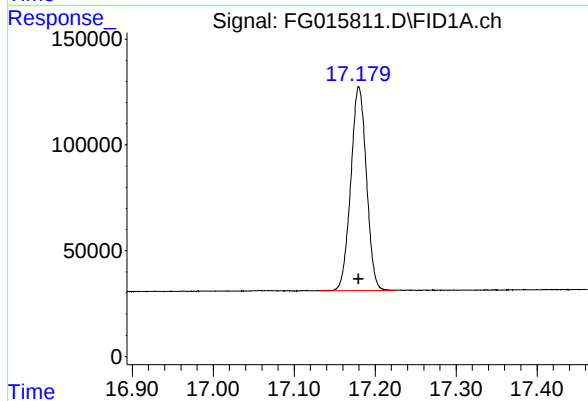
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 1317600
Conc: 10.88 ug/ml



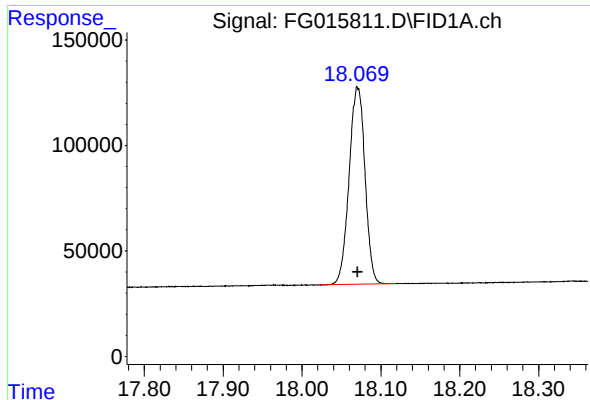
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 1308211
Conc: 10.95 ug/ml



#16 n-Octacosane (C28)

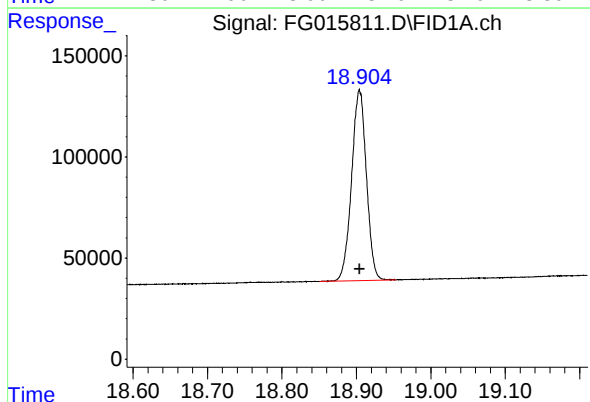
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 1292913
Conc: 11.03 ug/ml



#17 n-Tricontane (C30)

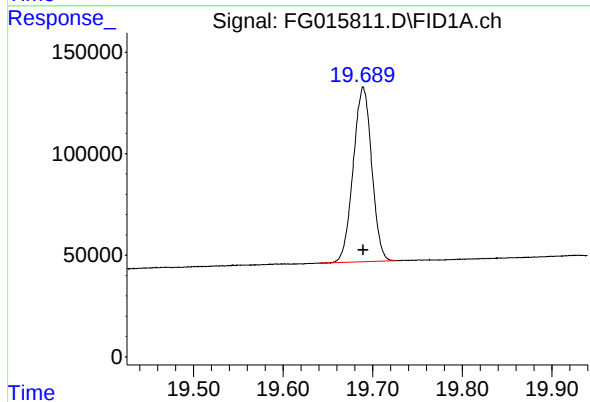
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 1309744
Conc: 11.15 ug/ml

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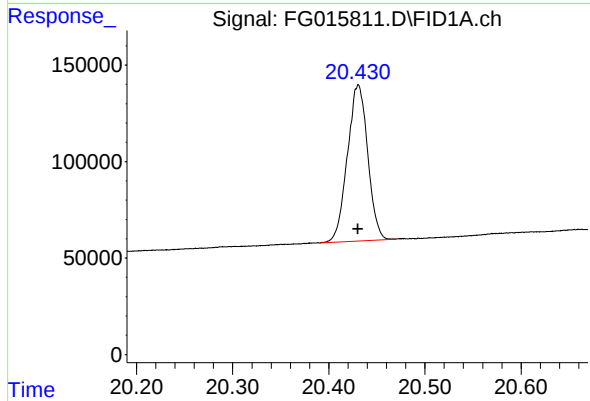
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 1302970
Conc: 11.22 ug/ml



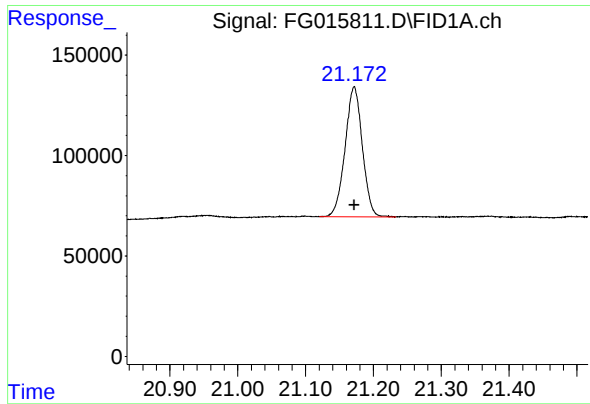
#19 n-Tetatriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 1230523
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

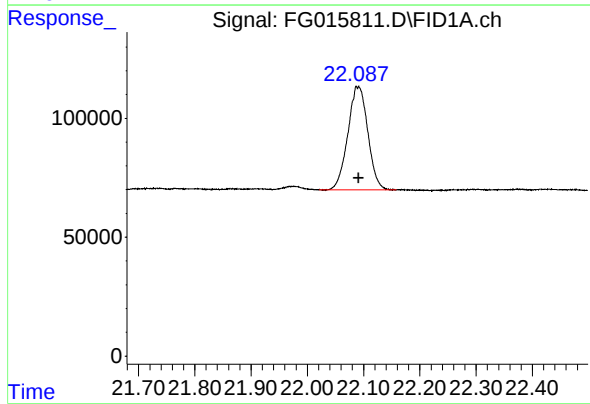
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 1187406
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 1143762
Conc: 11.14 ug/ml

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FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.000 min
Response: 1073686
Conc: 10.87 ug/ml