

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015068.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:00
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 14 11:29:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:29:05 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)	11.941	1696095	10.890 ug/ml
Spiked Amount 50.000		Recovery =	21.78%
12) S 1-chlorooctadecane (S...	13.386	1316129	10.805 ug/ml
Spiked Amount 50.000		Recovery =	21.61%
Target Compounds			
1) T n-Nonane (C9)	3.286	1414022	10.957 ug/ml
2) T n-Decane (C10)	4.546	1445560	10.937 ug/ml
3) T A~Naphthalene (C11.7)	6.256	1588241	10.920 ug/ml
4) T n-Dodecane (C12)	6.725	1477691	10.921 ug/ml
5) T A~2-methylnaphthalene...	7.357	1548912	10.892 ug/ml
6) T n-Tetradecane (C14)	8.561	1492489	10.894 ug/ml
7) T n-Hexadecane (C16)	10.176	1570556	10.880 ug/ml
8) T n-Octadecane (C18)	11.625	1621142	10.945 ug/ml
10) T n-Eicosane (C20)	12.941	1555013	10.867 ug/ml
11) T n-Heneicosane (C21)	13.555	1532447	10.868 ug/ml
13) T n-Docosane (C22)	14.144	1520670	10.842 ug/ml
14) T n-Tetracosane (C24)	15.251	1504153	10.823 ug/ml
15) T n-Hexacosane (C26)	16.276	1464425	10.828 ug/ml
16) T n-Octacosane (C28)	17.229	1418738	10.837 ug/ml
17) T n-Tricontane (C30)	18.120	1429882	10.928 ug/ml
18) T n-Dotriacontane (C32)	18.956	1361904	11.007 ug/ml
19) T n-Tetratriacontane (C34)	19.741	1178833	11.016 ug/ml
20) T n-Hexatriacontane (C36)	20.483	1017042	11.056 ug/ml
21) T n-Octatriacontane (C38)	21.233	958741	11.055 ug/ml
22) T n-Tetracontane (C40)	22.171	929971	11.036 ug/ml

(f)=RT Delta > 1/2 Window

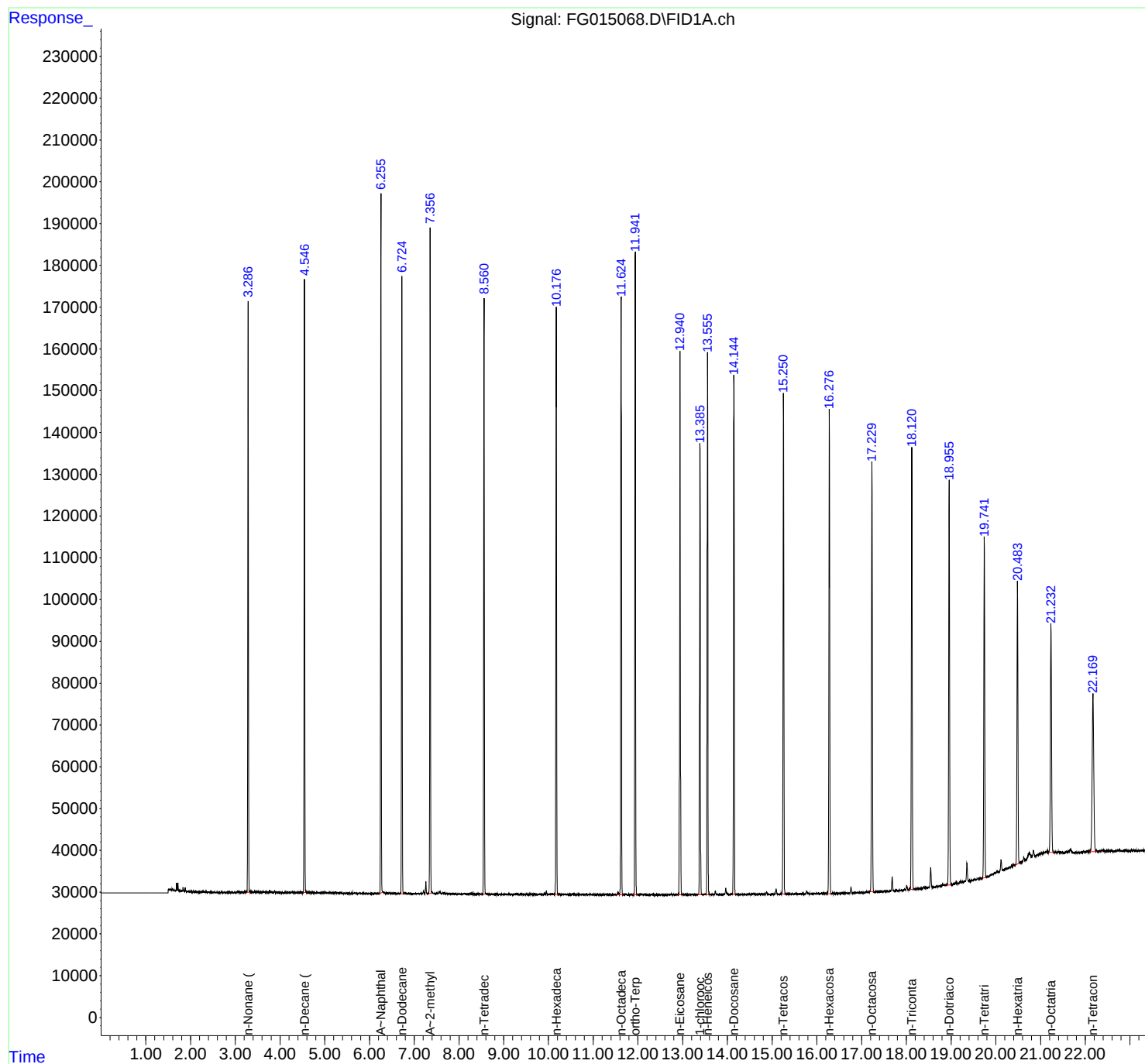
(m)=manual int.

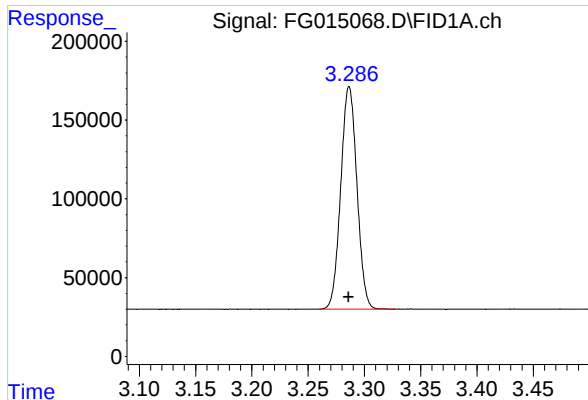
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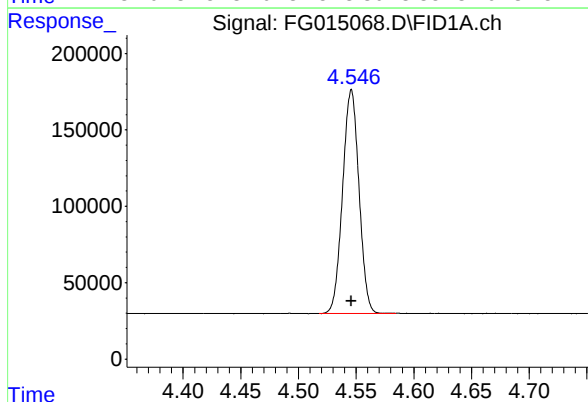




#1 n-Nonane (C9)

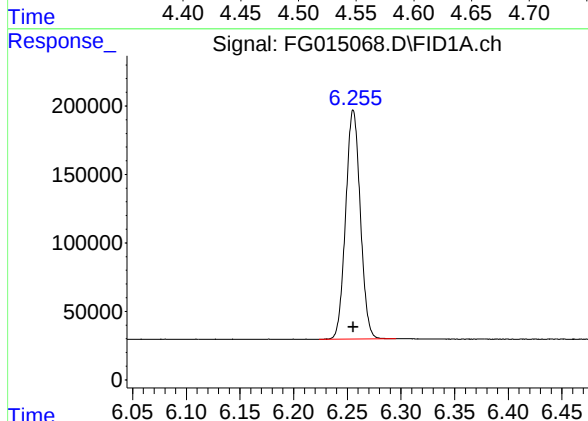
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 1414022
Conc: 10.96 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



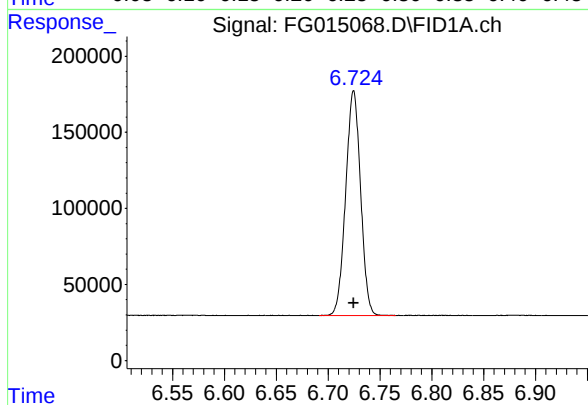
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1445560
Conc: 10.94 ug/ml



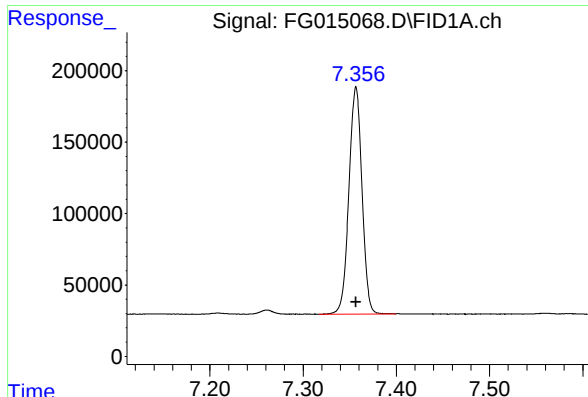
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1588241
Conc: 10.92 ug/ml



#4 n-Dodecane (C12)

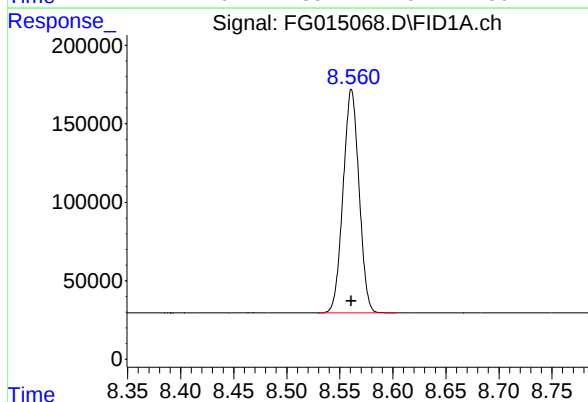
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 1477691
Conc: 10.92 ug/ml



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

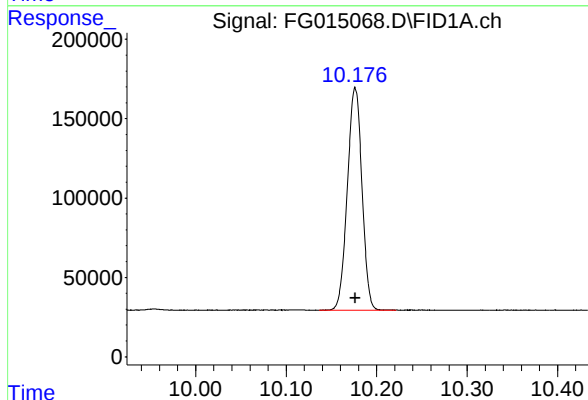
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 1548912
Conc: 10.89 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



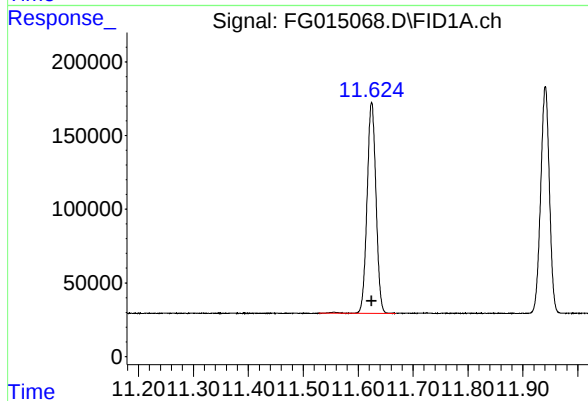
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 1492489
Conc: 10.89 ug/ml



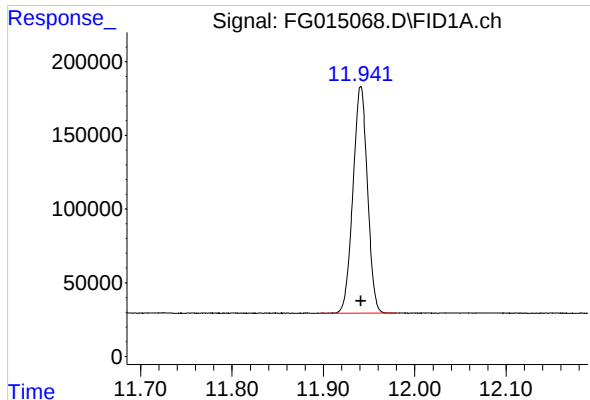
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 1570556
Conc: 10.88 ug/ml



#8 n-Octadecane (C18)

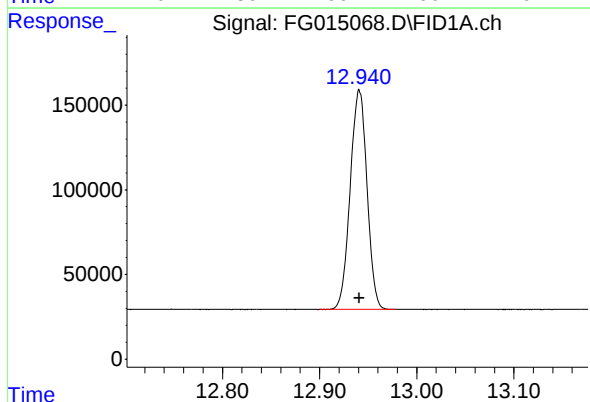
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 1621142
Conc: 10.95 ug/ml



#9 ortho-Terphenyl (SURR)

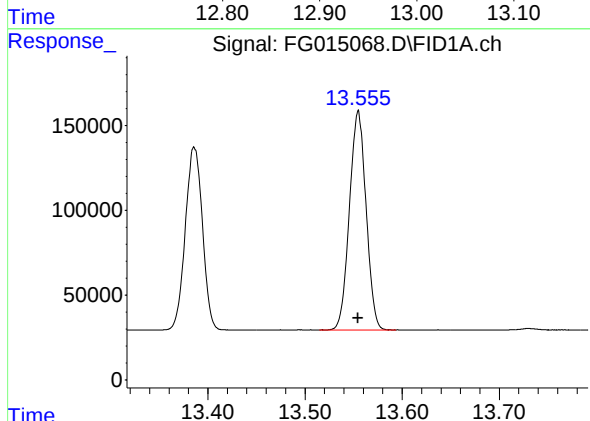
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 1696095
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



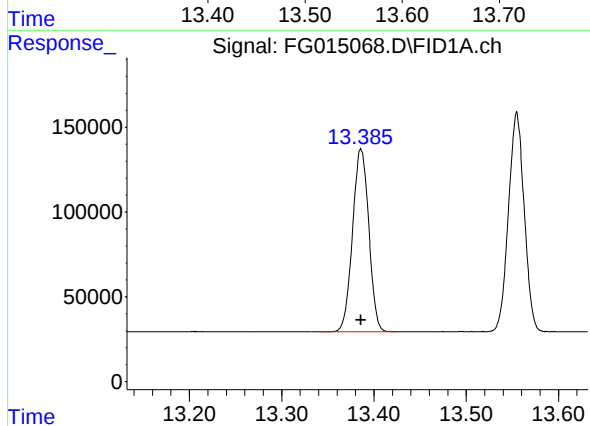
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 1555013
Conc: 10.87 ug/ml



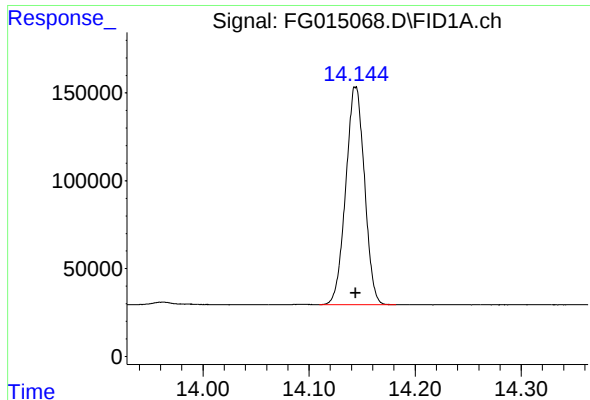
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 1532447
Conc: 10.87 ug/ml



#12 1-chlorooctadecane (SURR)

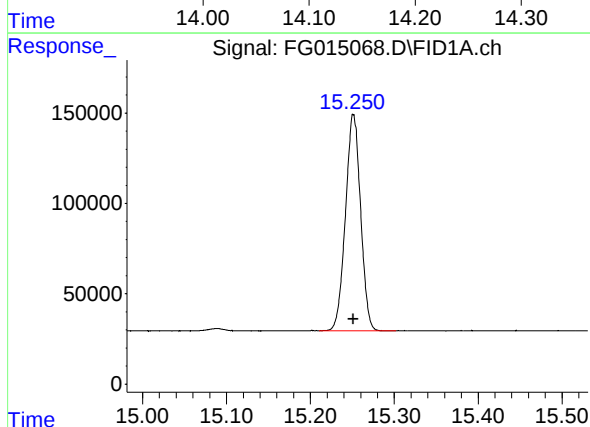
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 1316129
Conc: 10.81 ug/ml



#13 n-Docosane (C22)

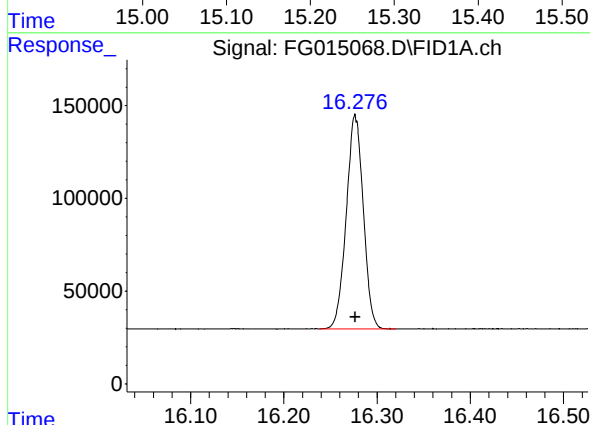
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 1520670
Conc: 10.84 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



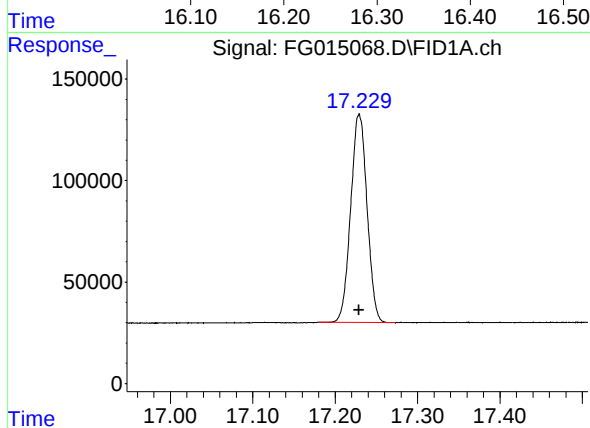
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 1504153
Conc: 10.82 ug/ml



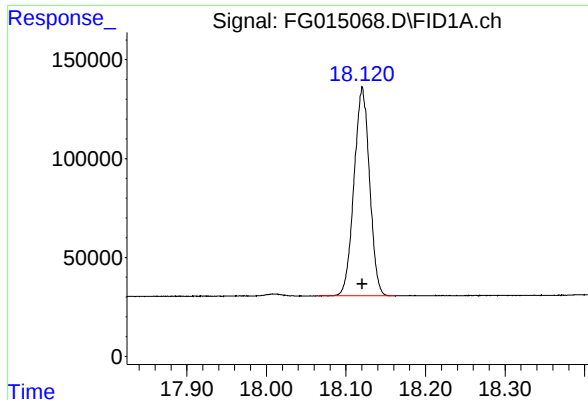
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 1464425
Conc: 10.83 ug/ml



#16 n-Octacosane (C28)

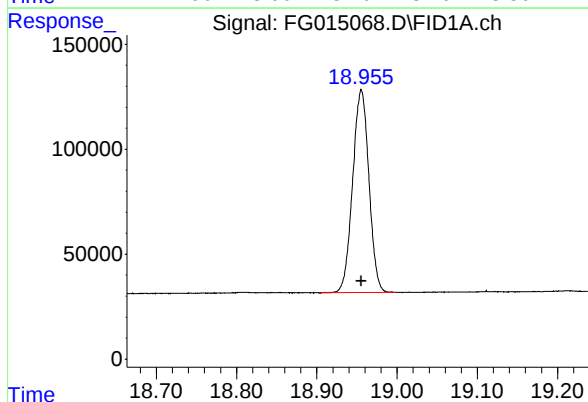
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 1418738
Conc: 10.84 ug/ml



#17 n-Tricontane (C30)

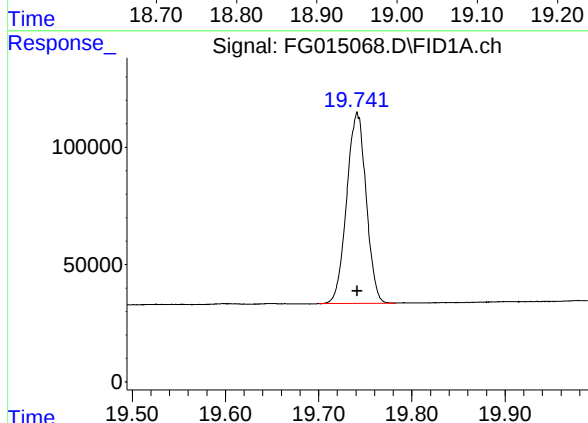
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 1429882
Conc: 10.93 ug/ml

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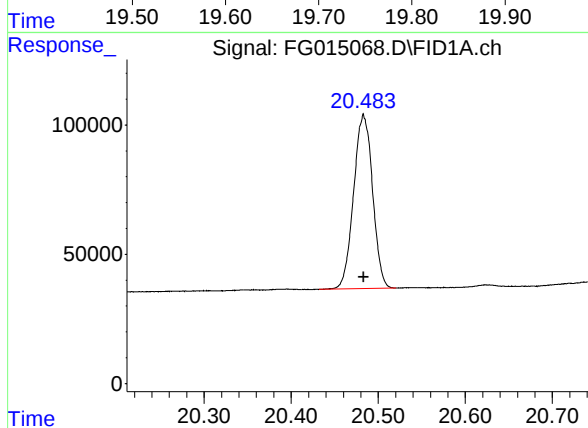
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.000 min
Response: 1361904
Conc: 11.01 ug/ml



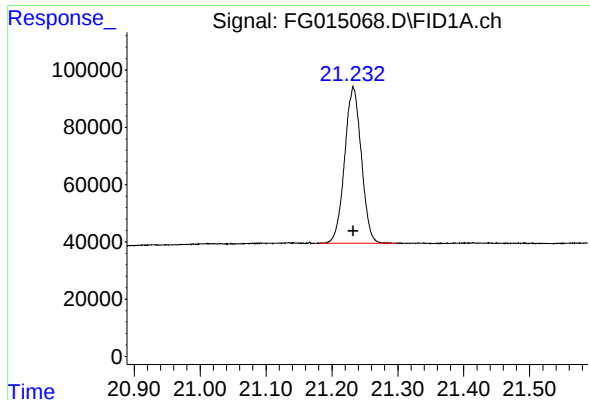
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 1178833
Conc: 11.02 ug/ml



#20 n-Hexatriacontane (C36)

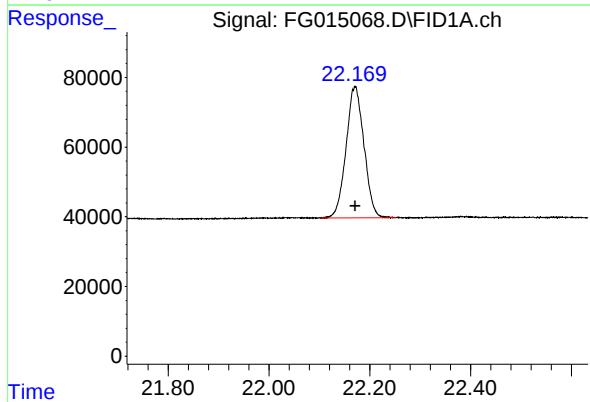
R.T.: 20.483 min
Delta R.T.: 0.000 min
Response: 1017042
Conc: 11.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 958741
Conc: 11.06 ug/ml

Instrument :
FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 929971
Conc: 11.04 ug/ml