

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
 Data File : FG015120.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jan 2025 13:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 23 02:14:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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	2972970	19.015 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.387	2304967	18.930 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.284	2503076	19.279 ug/ml
2) T n-Decane (C10)	4.543	2571487	19.350 ug/ml
3) T A~Naphthalene (C11.7)	6.254	2828922	19.371 ug/ml
4) T n-Dodecane (C12)	6.722	2635062	19.384 ug/ml
5) T A~2-methylnaphthalene...	7.356	2761920	19.347 ug/ml
6) T n-Tetradecane (C14)	8.559	2663777	19.370 ug/ml
7) T n-Hexadecane (C16)	10.175	2788774	19.247 ug/ml
8) T n-Octadecane (C18)	11.626	2832165	19.055 ug/ml
10) T n-Eicosane (C20)	12.941	2724174	18.979 ug/ml
11) T n-Heneicosane (C21)	13.556	2674299	18.914 ug/ml
13) T n-Docosane (C22)	14.144	2649670	18.845 ug/ml
14) T n-Tetracosane (C24)	15.252	2605964	18.723 ug/ml
15) T n-Hexacosane (C26)	16.277	2522732	18.625 ug/ml
16) T n-Octacosane (C28)	17.229	2435834	18.510 ug/ml
17) T n-Tricontane (C30)	18.120	2459355	18.539 ug/ml
18) T n-Dotriacontane (C32)	18.957	2332154	18.491 ug/ml
19) T n-Tetratriacontane (C34)	19.741	2018507	18.538 ug/ml
20) T n-Hexatriacontane (C36)	20.484	1731539	18.547 ug/ml
21) T n-Octatriacontane (C38)	21.232	1624345	18.510 ug/ml
22) T n-Tetracontane (C40)	22.171	1577722	18.613 ug/ml

(f)=RT Delta > 1/2 Window

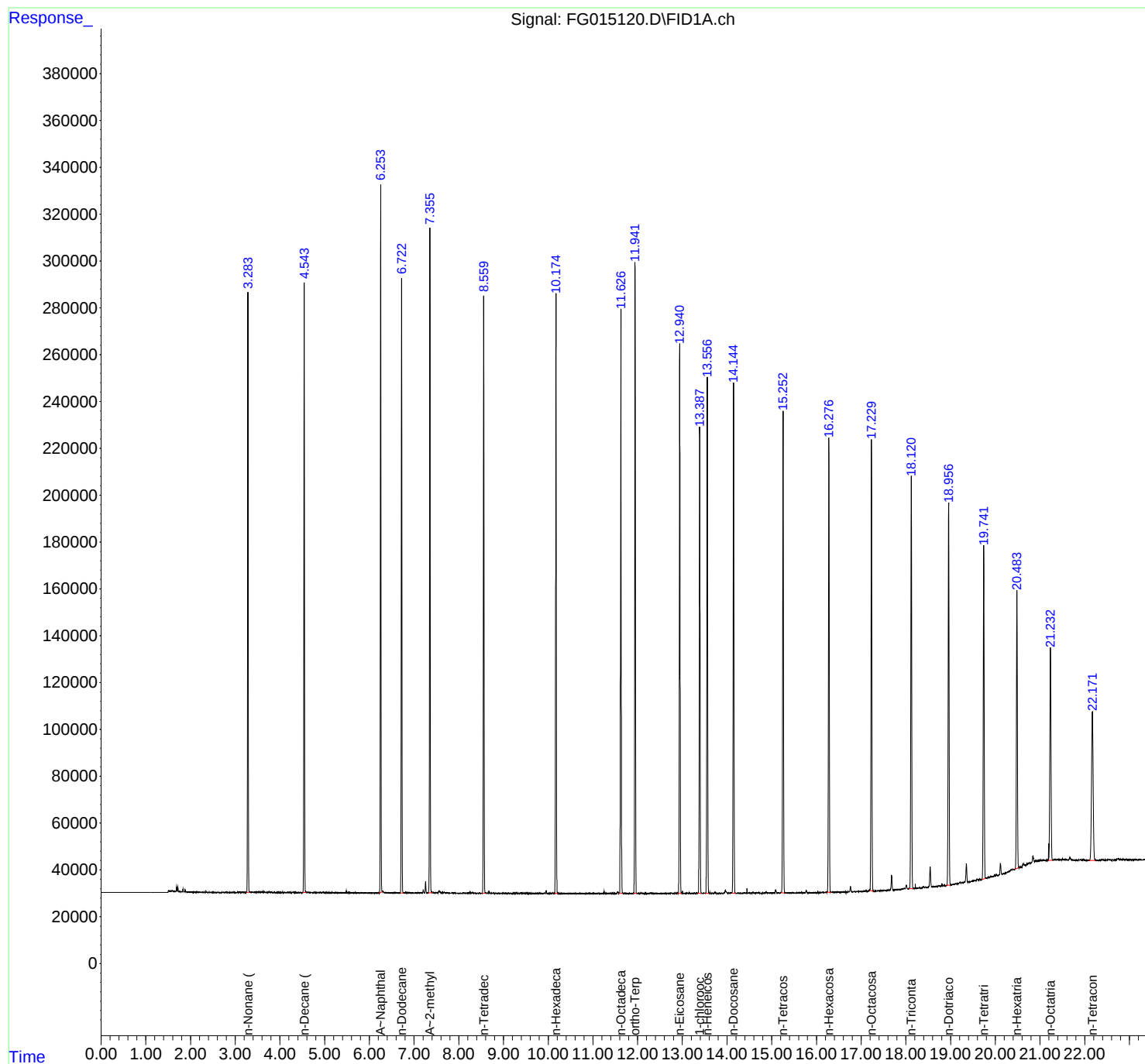
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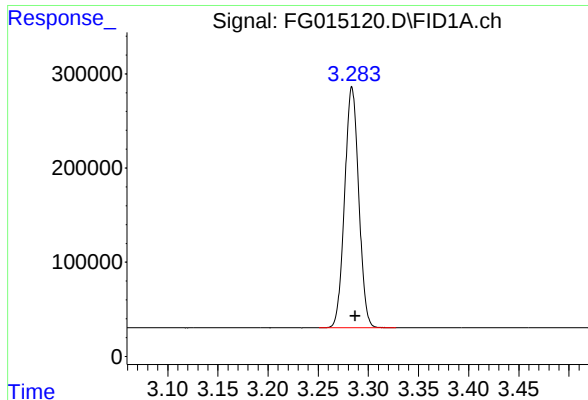
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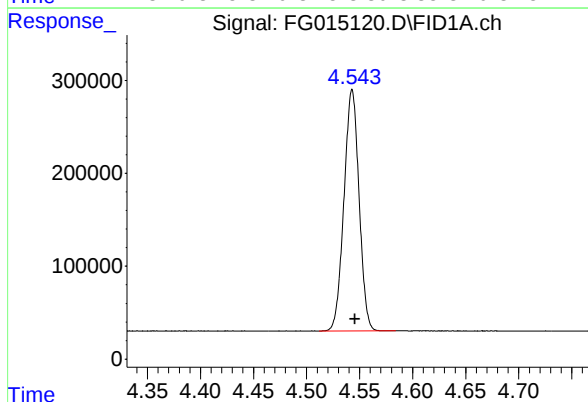




#1 n-Nonane (C9)

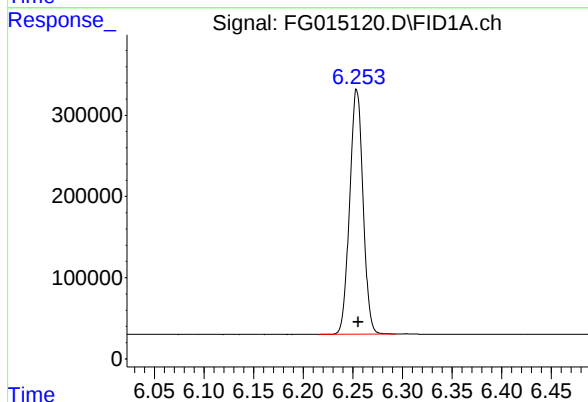
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 2503076
Conc: 19.28 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



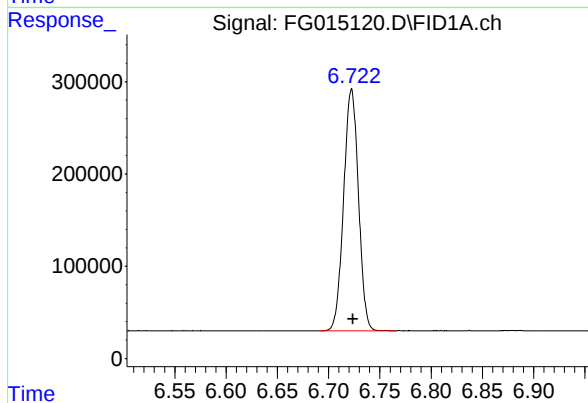
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 2571487
Conc: 19.35 ug/ml



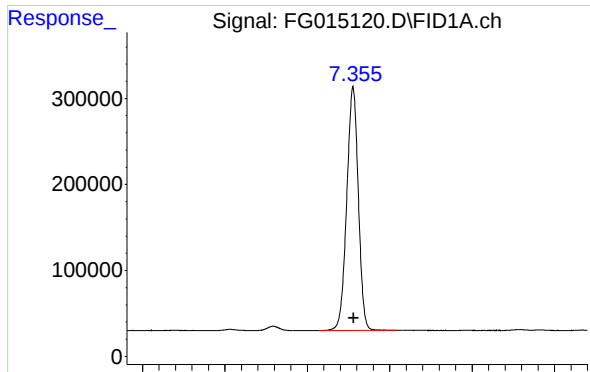
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 2828922
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

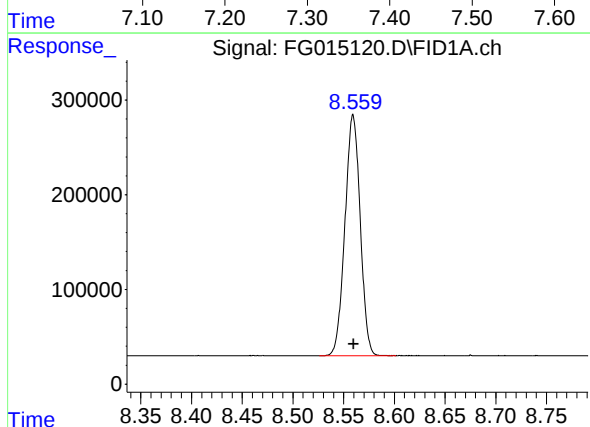
R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 2635062
Conc: 19.38 ug/ml



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

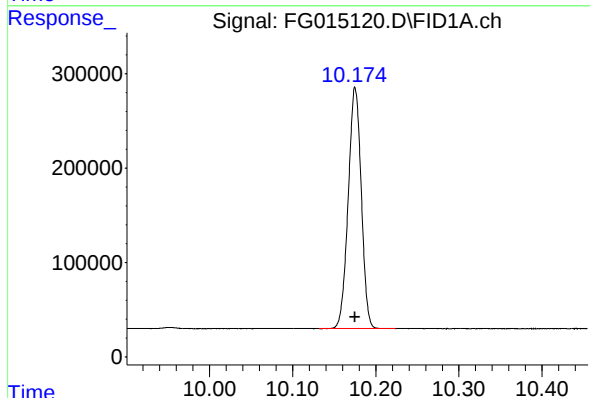
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2761920
Conc: 19.35 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



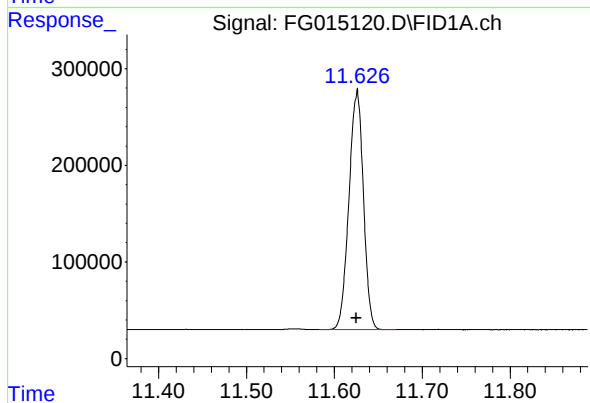
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2663777
Conc: 19.37 ug/ml



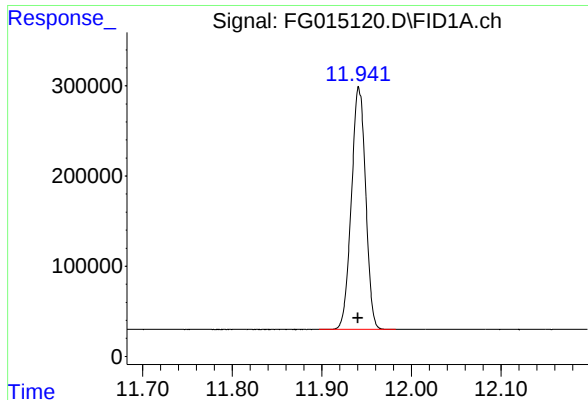
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 2788774
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

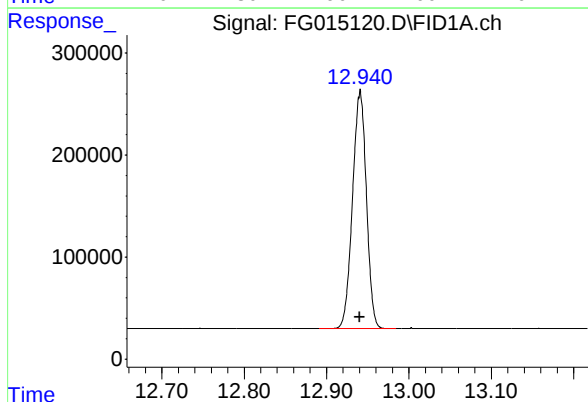
R.T.: 11.626 min
Delta R.T.: 0.001 min
Response: 2832165
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

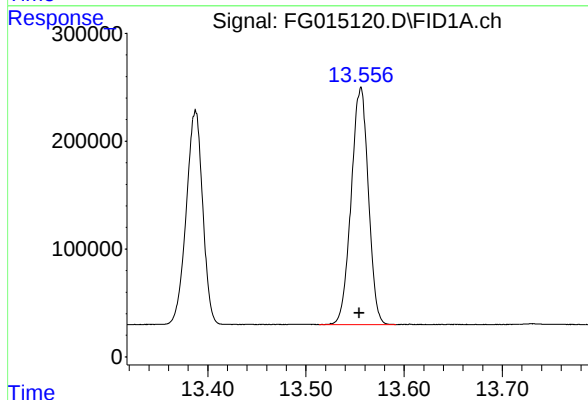
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 2972970
Conc: 19.02 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



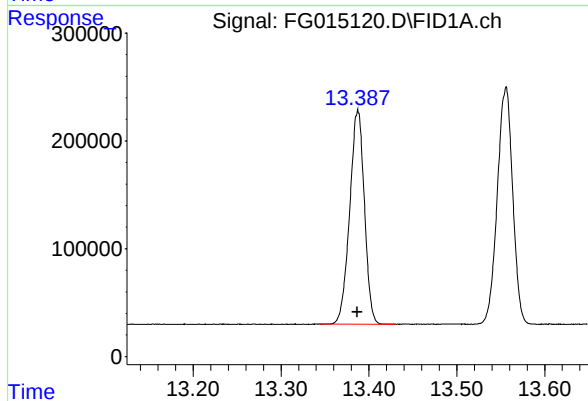
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2724174
Conc: 18.98 ug/ml



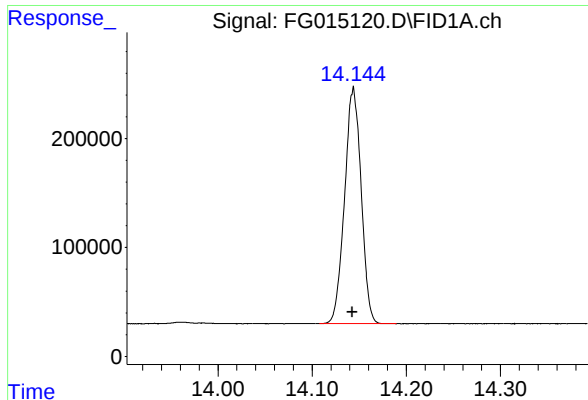
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.002 min
Response: 2674299
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

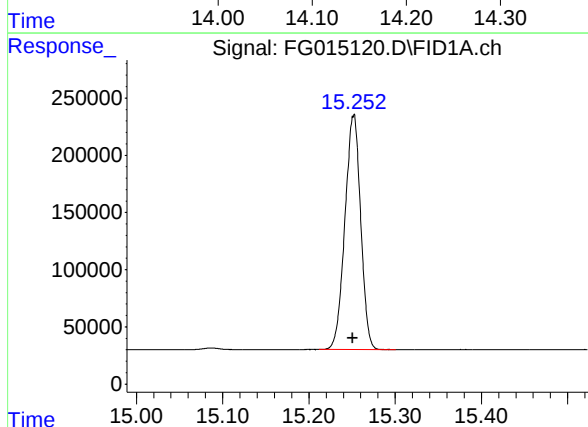
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 2304967
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

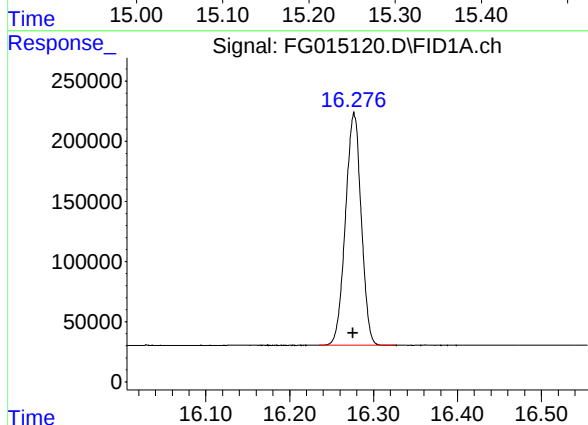
R.T.: 14.144 min
Delta R.T.: 0.001 min
Response: 2649670
Conc: 18.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



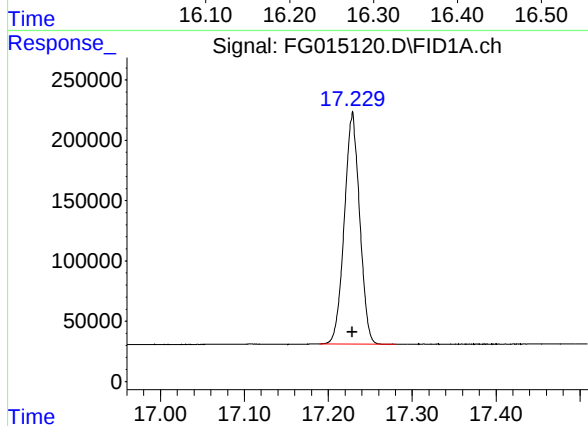
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: 0.001 min
Response: 2605964
Conc: 18.72 ug/ml



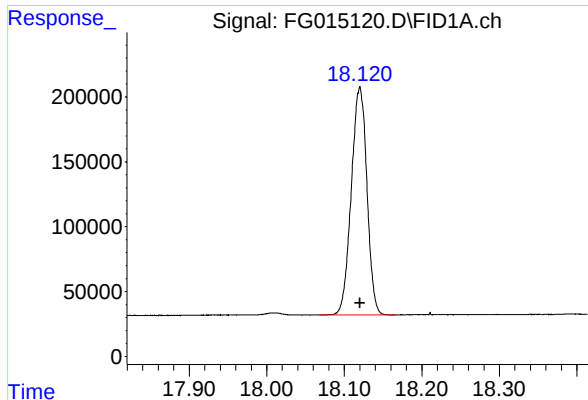
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: 0.001 min
Response: 2522732
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

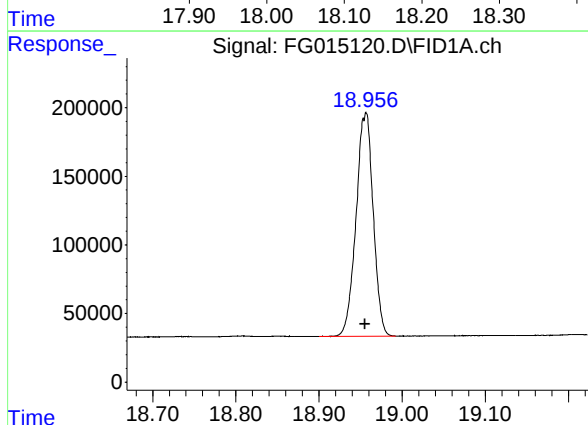
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2435834
Conc: 18.51 ug/ml



#17 n-Tricontane (C30)

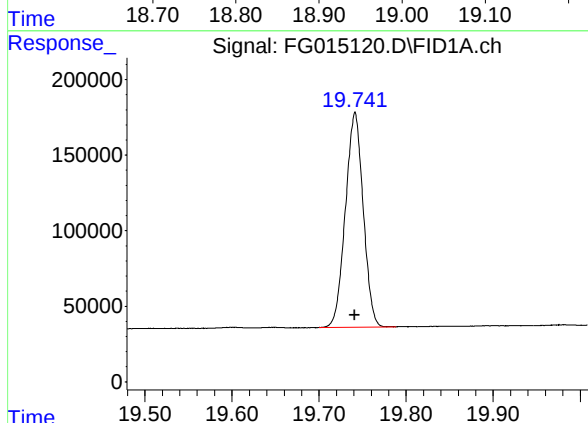
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2459355
Conc: 18.54 ug/ml

Instrument :
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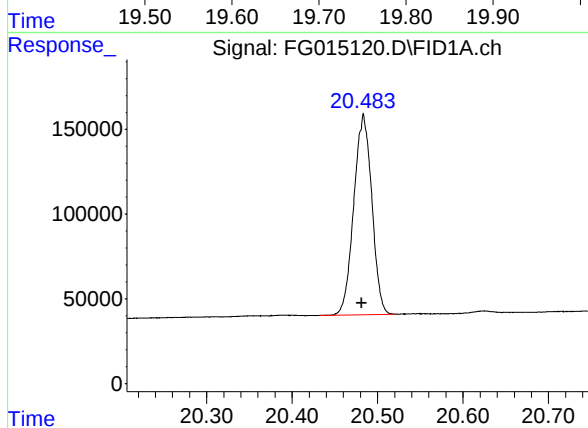
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.001 min
Response: 2332154
Conc: 18.49 ug/ml



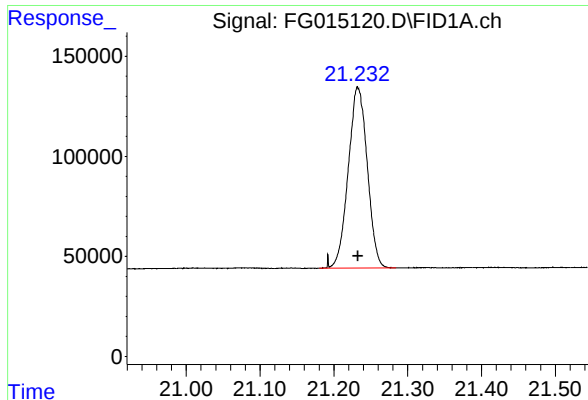
#19 n-Tetatriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 2018507
Conc: 18.54 ug/ml



#20 n-Hexatriacontane (C36)

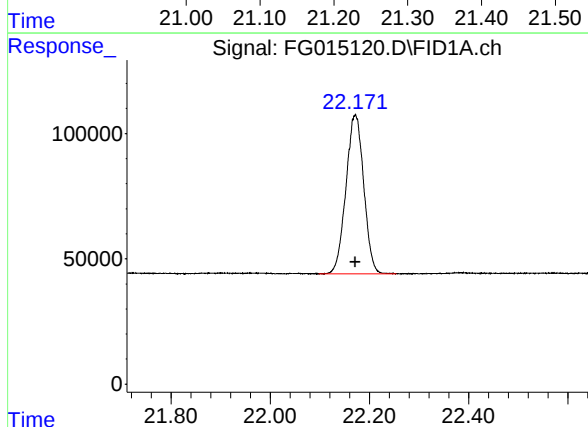
R.T.: 20.484 min
Delta R.T.: 0.002 min
Response: 1731539
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.000 min
Response: 1624345
Conc: 18.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 1577722
Conc: 18.61 ug/ml