

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015088.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 11:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 00:24:08 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)	11.940	3304793	21.138 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
12) S 1-chlorooctadecane (S...	13.385	2550550	20.947 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.284	2758559	21.247 ug/ml
2) T n-Decane (C10)	4.544	2823937	21.250 ug/ml
3) T A~Naphthalene (C11.7)	6.254	3113727	21.322 ug/ml
4) T n-Dodecane (C12)	6.723	2883096	21.208 ug/ml
5) T A~2-methylnaphthalene...	7.355	3042669	21.314 ug/ml
6) T n-Tetradecane (C14)	8.560	2905588	21.128 ug/ml
7) T n-Hexadecane (C16)	10.175	3047763	21.034 ug/ml
8) T n-Octadecane (C18)	11.624	3117797	20.977 ug/ml
10) T n-Eicosane (C20)	12.940	3013597	20.996 ug/ml
11) T n-Heneicosane (C21)	13.555	2969867	21.004 ug/ml
13) T n-Docosane (C22)	14.142	2948784	20.973 ug/ml
14) T n-Tetracosane (C24)	15.251	2914180	20.938 ug/ml
15) T n-Hexacosane (C26)	16.276	2827445	20.875 ug/ml
16) T n-Octacosane (C28)	17.229	2721571	20.681 ug/ml
17) T n-Tricontane (C30)	18.120	2707260	20.408 ug/ml
18) T n-Dotriacontane (C32)	18.955	2559609	20.294 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2230889	20.489 ug/ml
20) T n-Hexatriacontane (C36)	20.481	1939928	20.779 ug/ml
21) T n-Octatriacontane (C38)	21.231	1812777	20.657 ug/ml
22) T n-Tetracontane (C40)	22.169	1655996	19.537 ug/ml

(f)=RT Delta > 1/2 Window

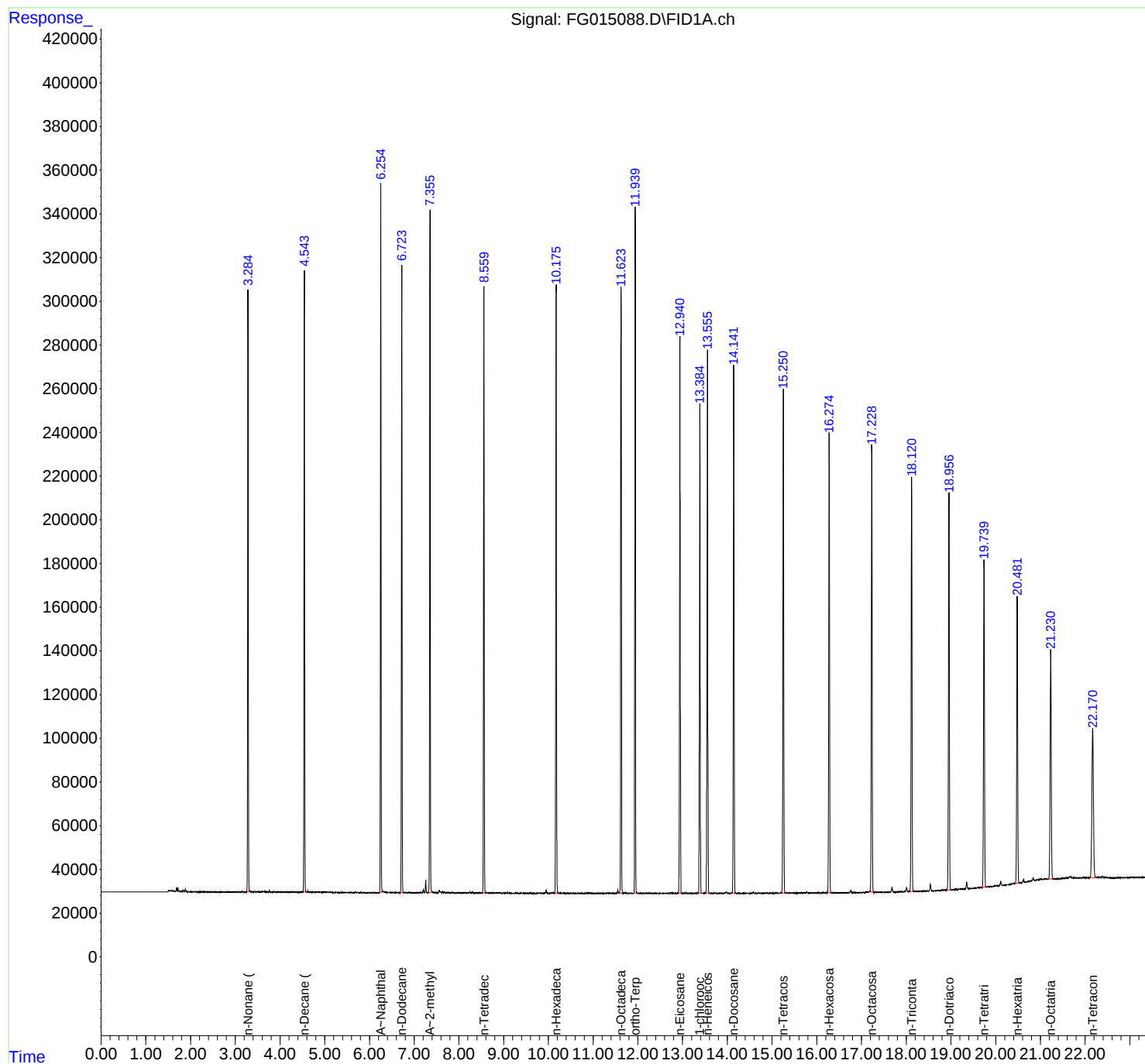
(m)=manual int.

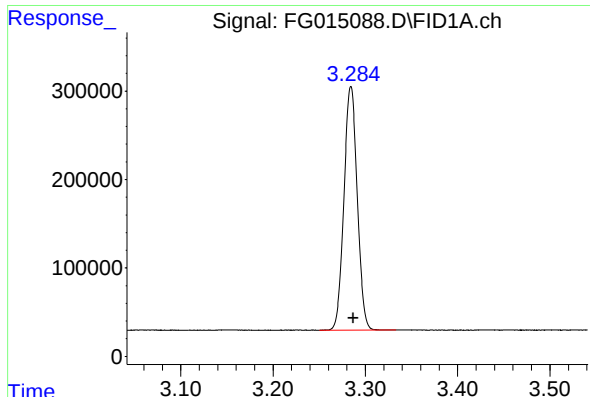
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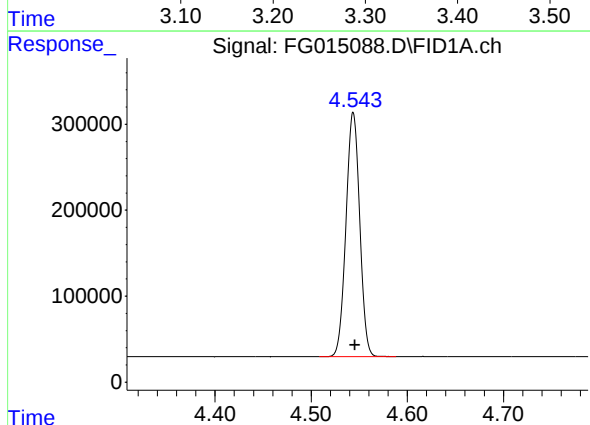




#1 n-Nonane (C9)

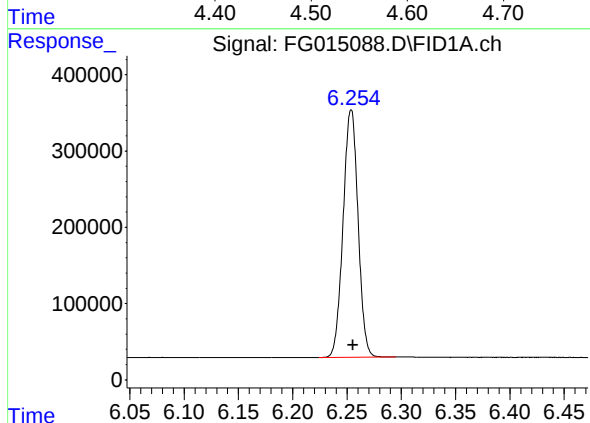
R.T.: 3.284 min
Delta R.T.: -0.003 min
Response: 2758559
Conc: 21.25 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



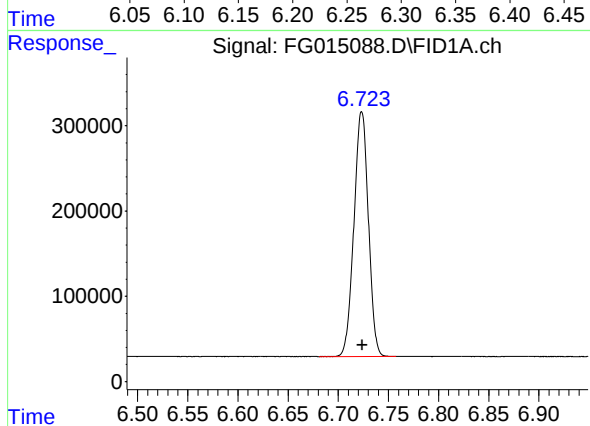
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 2823937
Conc: 21.25 ug/ml



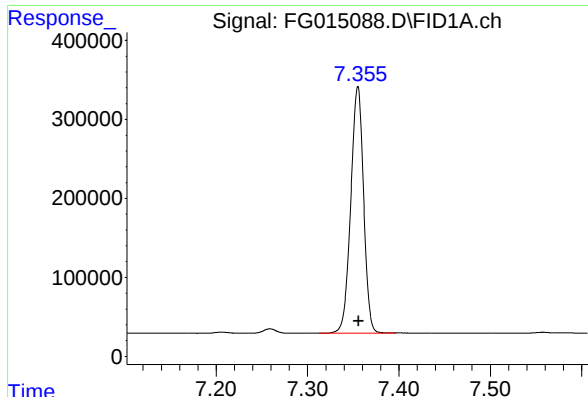
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 3113727
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

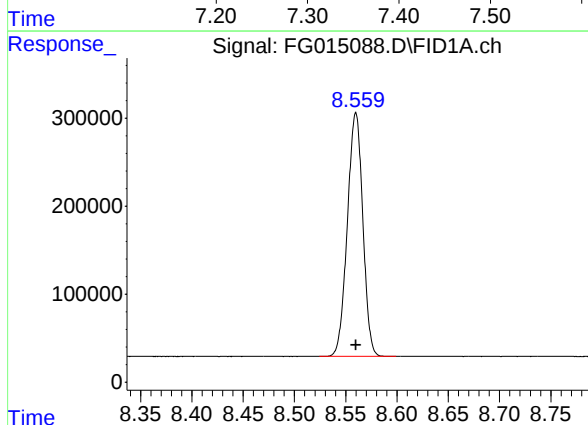
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2883096
Conc: 21.21 ug/ml



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

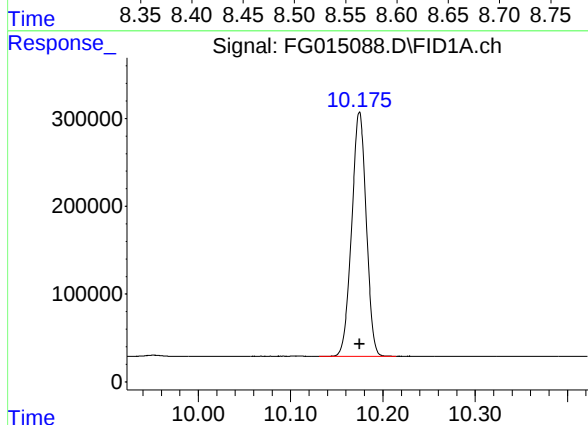
R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 3042669
Conc: 21.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



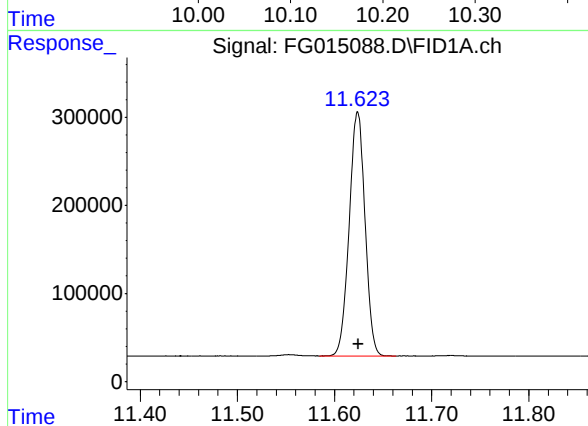
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 2905588
Conc: 21.13 ug/ml



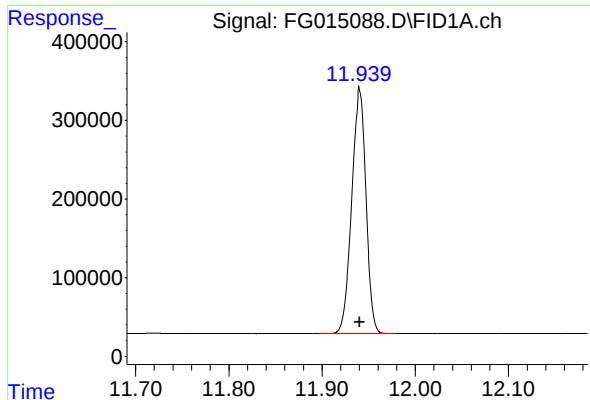
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 3047763
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

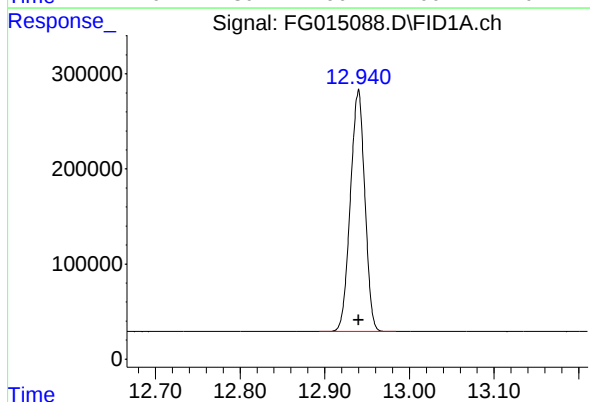
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3117797
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

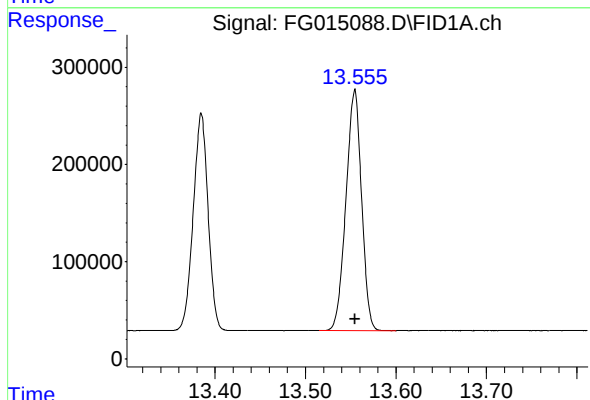
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 3304793
Conc: 21.14 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



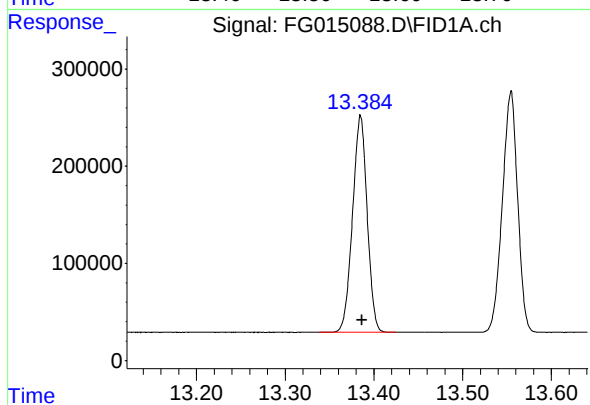
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 3013597
Conc: 21.00 ug/ml



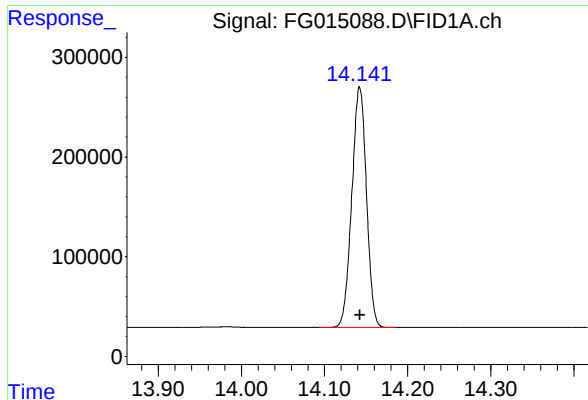
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2969867
Conc: 21.00 ug/ml



#12 1-chlorooctadecane (SURR)

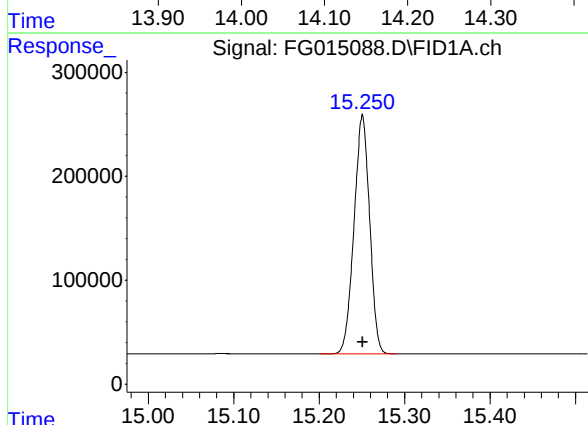
R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 2550550
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

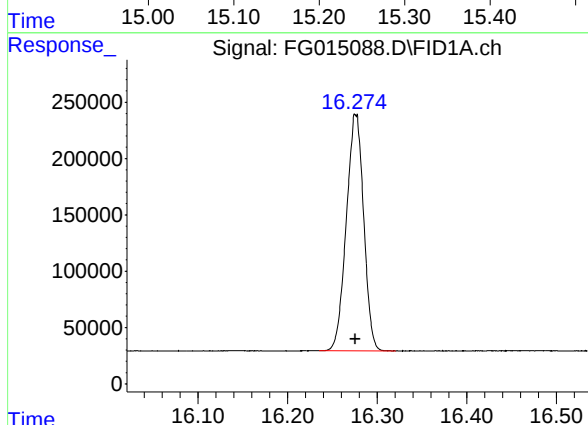
R.T.: 14.142 min
Delta R.T.: 0.000 min
Response: 2948784
Conc: 20.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



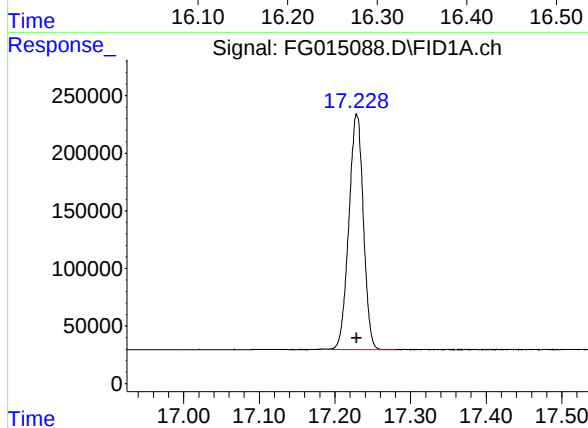
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 2914180
Conc: 20.94 ug/ml



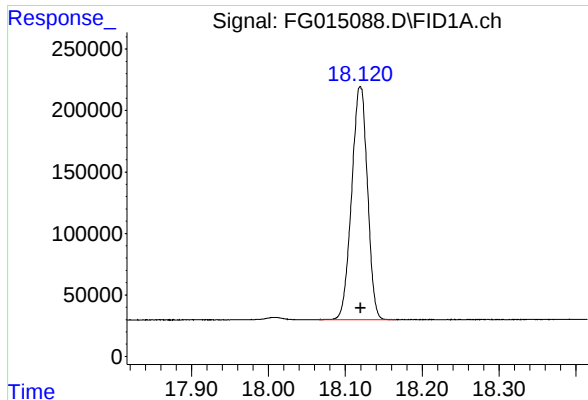
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2827445
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

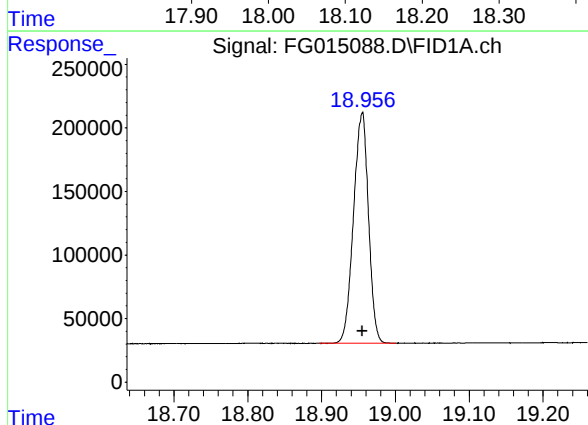
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2721571
Conc: 20.68 ug/ml



#17 n-Tricontane (C30)

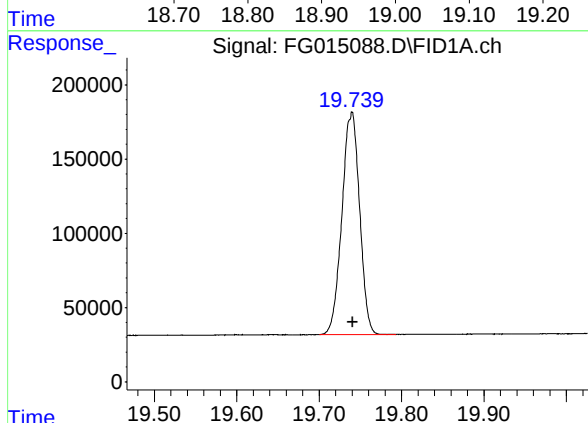
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2707260
Conc: 20.41 ug/ml

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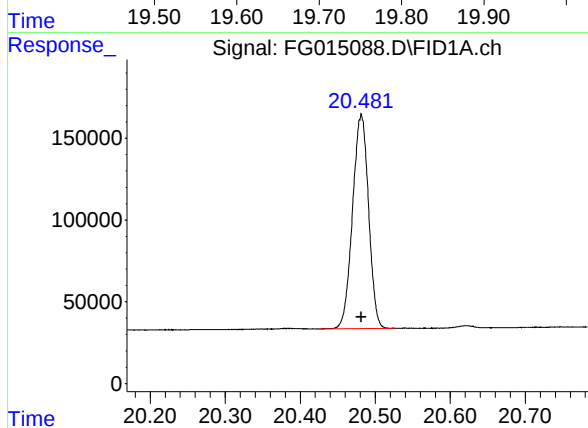
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 2559609
Conc: 20.29 ug/ml



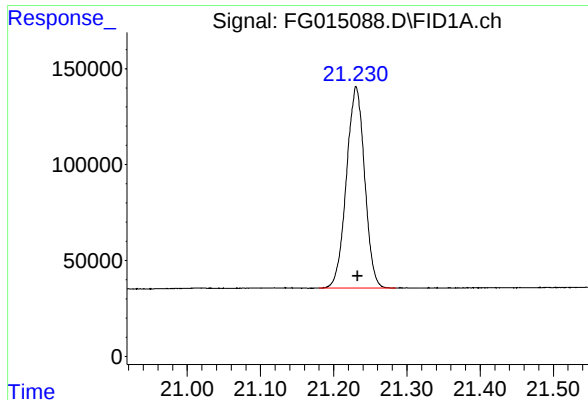
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.000 min
Response: 2230889
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

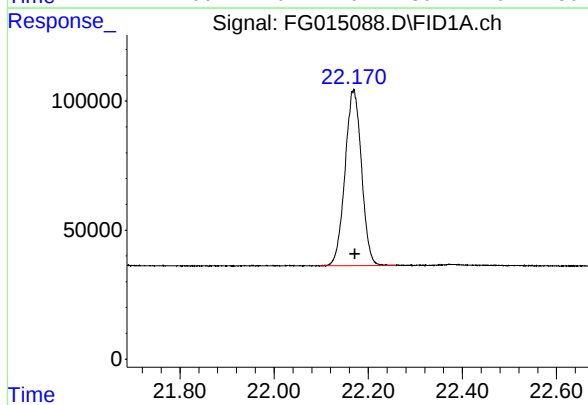
R.T.: 20.481 min
Delta R.T.: 0.000 min
Response: 1939928
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: -0.002 min
Response: 1812777
Conc: 20.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.169 min
Delta R.T.: -0.002 min
Response: 1655996
Conc: 19.54 ug/ml