

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015044.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 11:02
 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 01 01:07:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 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)	11.945	3281323	20.800 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.391	2576640	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.289	2738222	21.418 ug/ml
2) T n-Decane (C10)	4.548	2799023	21.476 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3069636	21.384 ug/ml
4) T n-Dodecane (C12)	6.728	2848430	21.558 ug/ml
5) T A~2-methylnaphthalene...	7.360	3001780	21.416 ug/ml
6) T n-Tetradecane (C14)	8.564	2869549	21.511 ug/ml
7) T n-Hexadecane (C16)	10.179	3020665	21.399 ug/ml
8) T n-Octadecane (C18)	11.630	3093213	21.114 ug/ml
10) T n-Eicosane (C20)	12.945	2993660	20.630 ug/ml
11) T n-Heneicosane (C21)	13.560	2946225	20.330 ug/ml
13) T n-Docosane (C22)	14.148	2926673	20.025 ug/ml
14) T n-Tetracosane (C24)	15.255	2889861	19.353 ug/ml
15) T n-Hexacosane (C26)	16.279	2804058	18.686 ug/ml
16) T n-Octacosane (C28)	17.234	2695360	18.005 ug/ml
17) T n-Tricontane (C30)	18.123	2685566	17.496 ug/ml
18) T n-Dotriacontane (C32)	18.959	2532982	17.168 ug/ml
19) T n-Tetratriacontane (C34)	19.744	2198823	17.229 ug/ml
20) T n-Hexatriacontane (C36)	20.486	1883596	17.461 ug/ml
21) T n-Octatriacontane (C38)	21.237	1772165	17.681 ug/ml
22) T n-Tetracontane (C40)	22.178	1730951	18.427 ug/ml

(f)=RT Delta > 1/2 Window

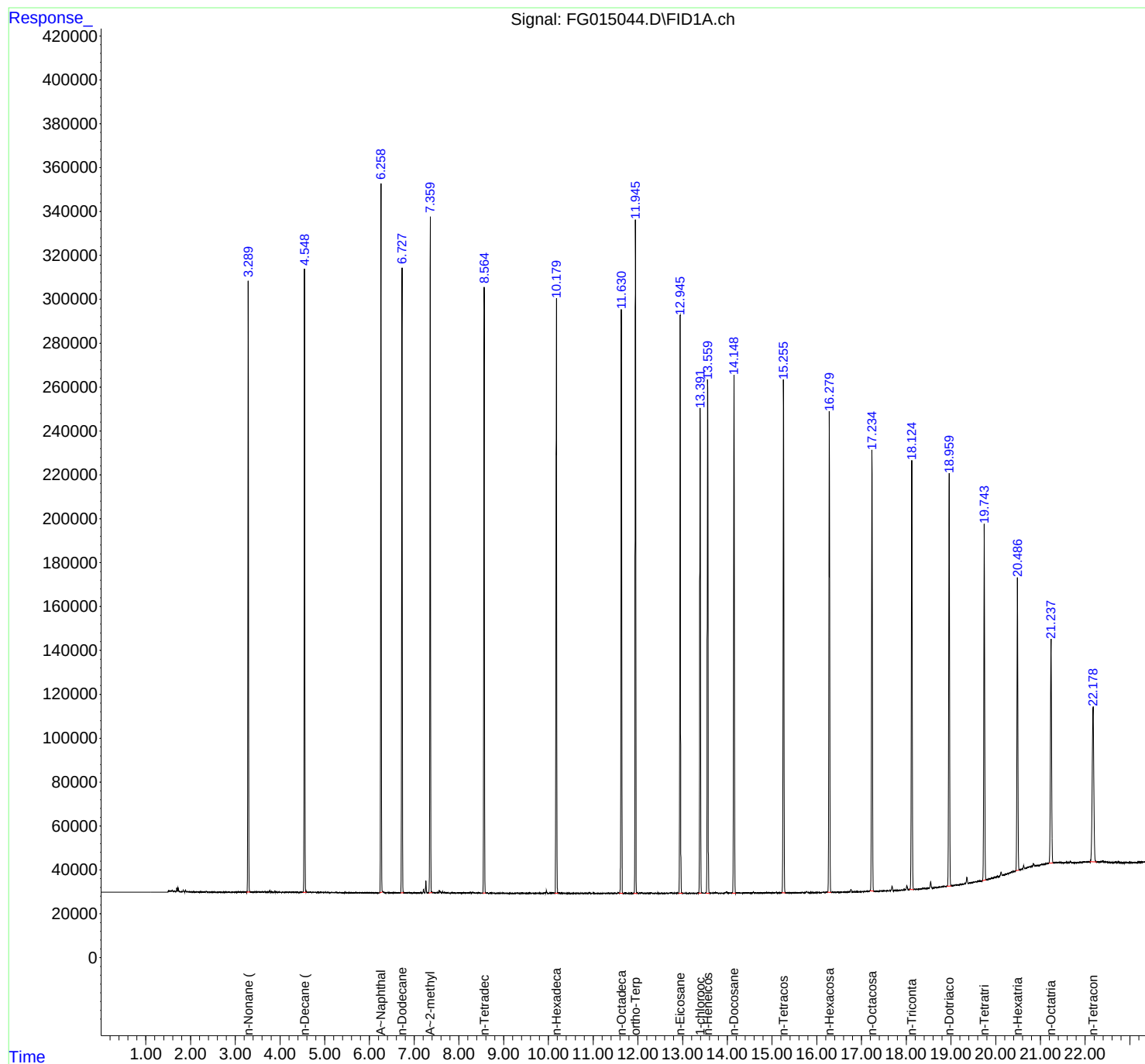
(m)=manual int.

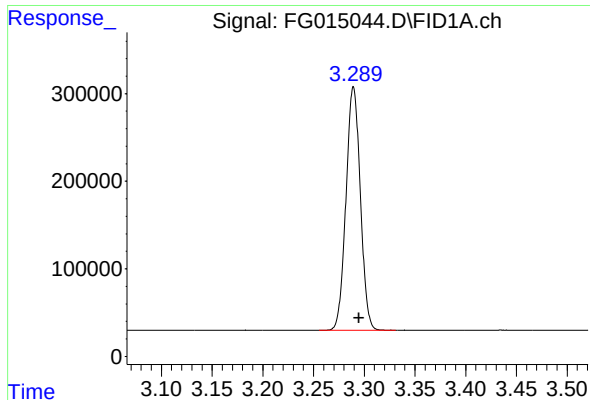
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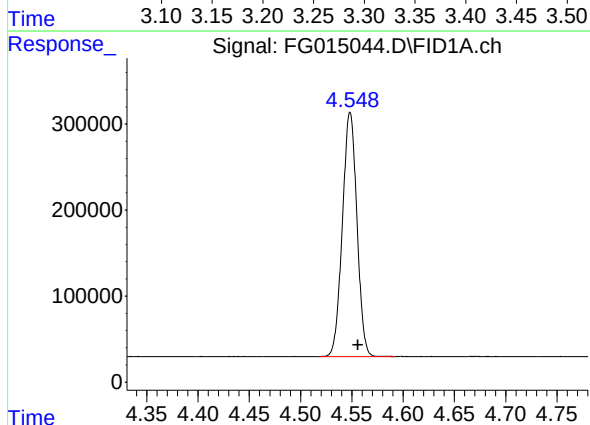




#1 n-Nonane (C9)

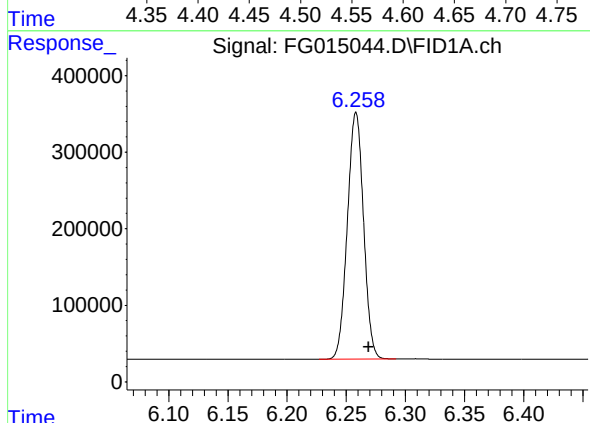
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2738222
Conc: 21.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



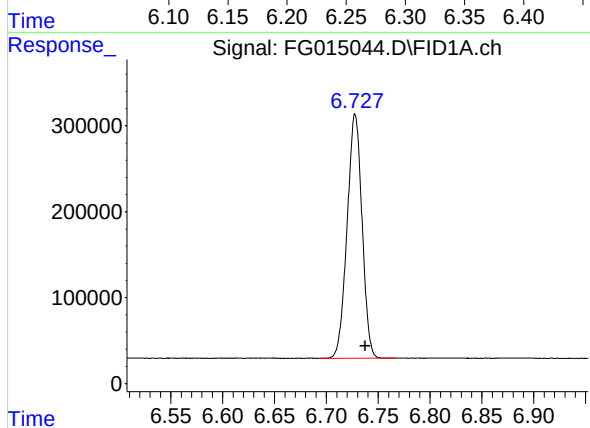
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 2799023
Conc: 21.48 ug/ml



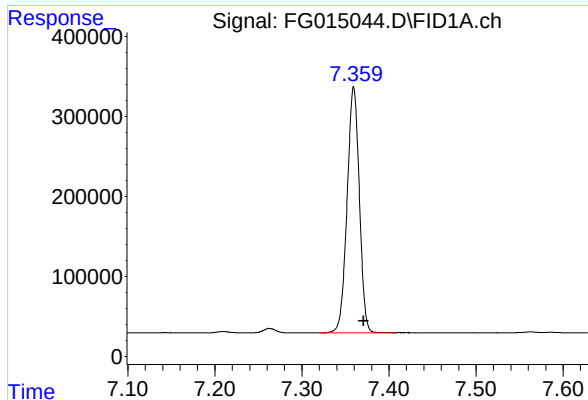
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.011 min
Response: 3069636
Conc: 21.38 ug/ml



#4 n-Dodecane (C12)

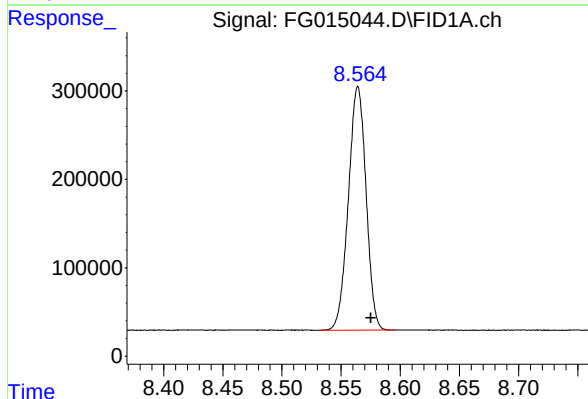
R.T.: 6.728 min
Delta R.T.: -0.010 min
Response: 2848430
Conc: 21.56 ug/ml



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

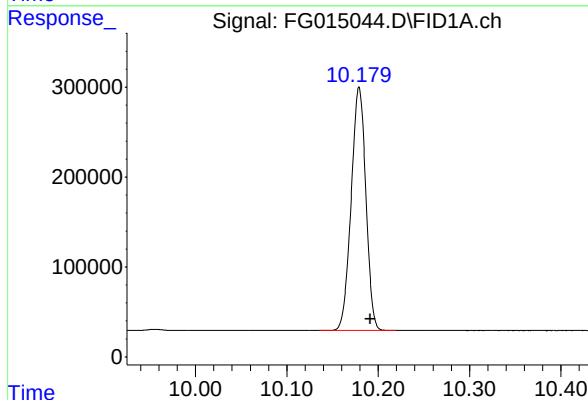
R.T.: 7.360 min
Delta R.T.: -0.011 min
Response: 3001780
Conc: 21.42 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



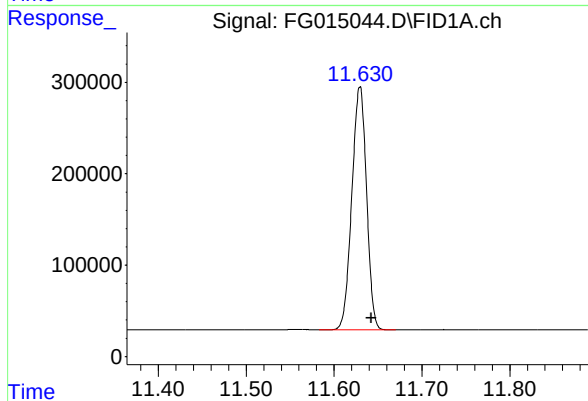
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.011 min
Response: 2869549
Conc: 21.51 ug/ml



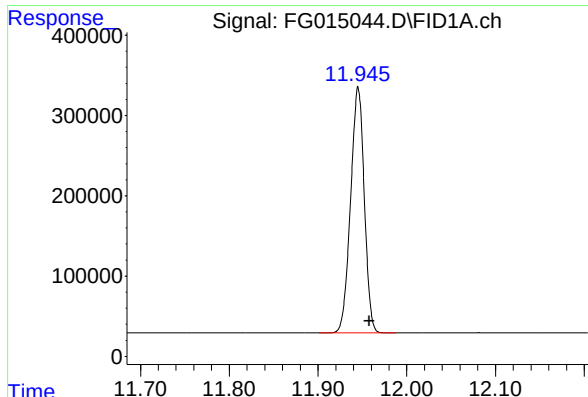
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.012 min
Response: 3020665
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

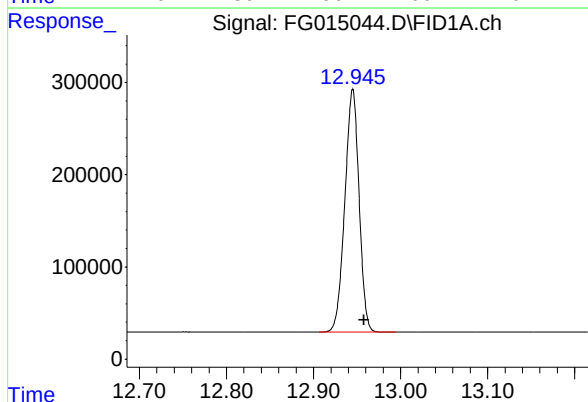
R.T.: 11.630 min
Delta R.T.: -0.013 min
Response: 3093213
Conc: 21.11 ug/ml



#9 ortho-Terphenyl (SURR)

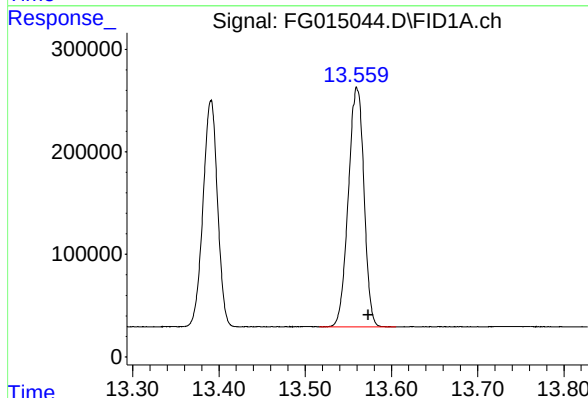
R.T.: 11.945 min
Delta R.T.: -0.013 min
Response: 3281323
Conc: 20.80 ug/ml

Instrument :
FID_G
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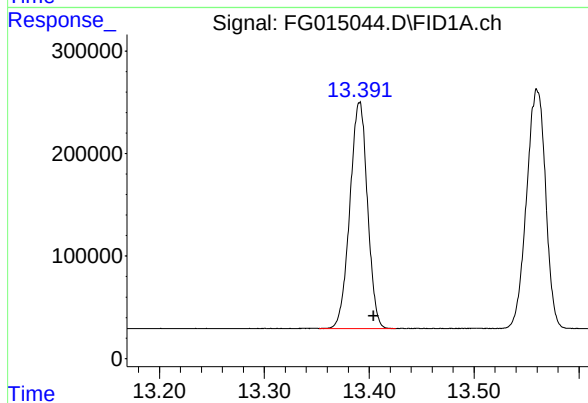
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.013 min
Response: 2993660
Conc: 20.63 ug/ml



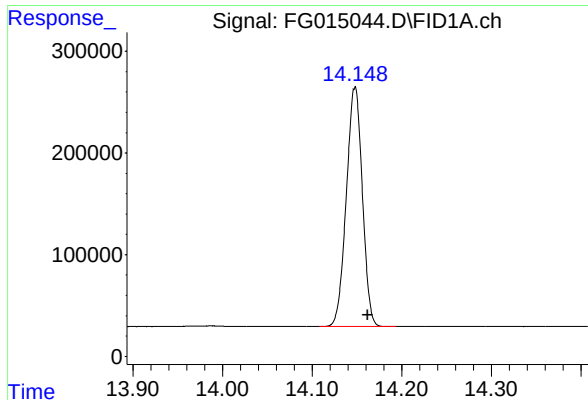
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.013 min
Response: 2946225
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

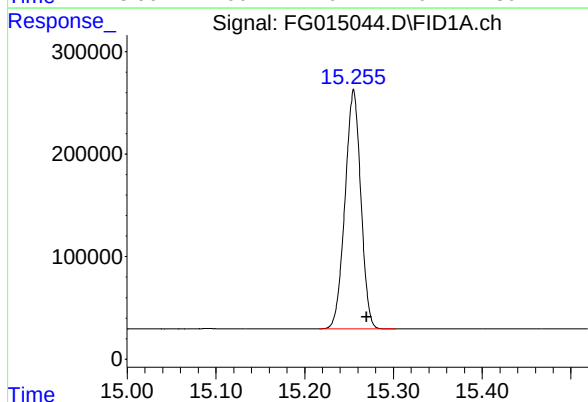
R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 2576640
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

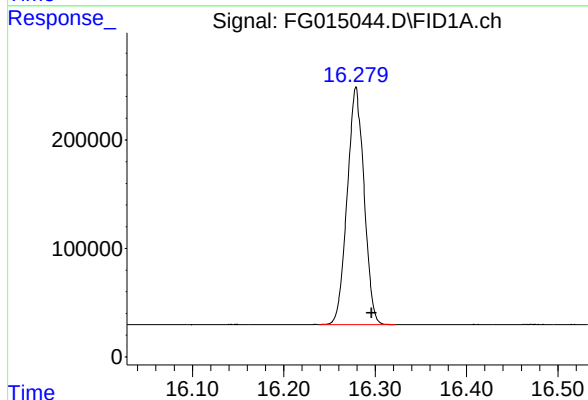
R.T.: 14.148 min
Delta R.T.: -0.014 min
Response: 2926673
Conc: 20.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



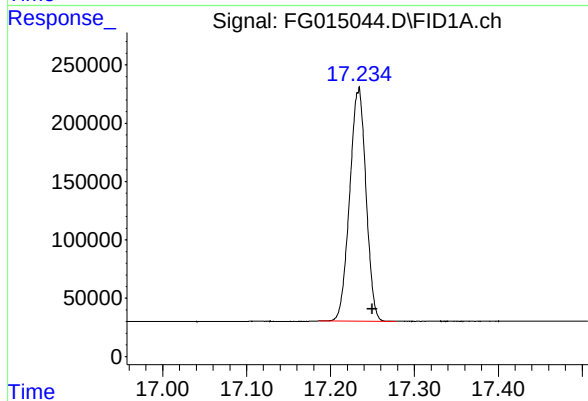
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.015 min
Response: 2889861
Conc: 19.35 ug/ml



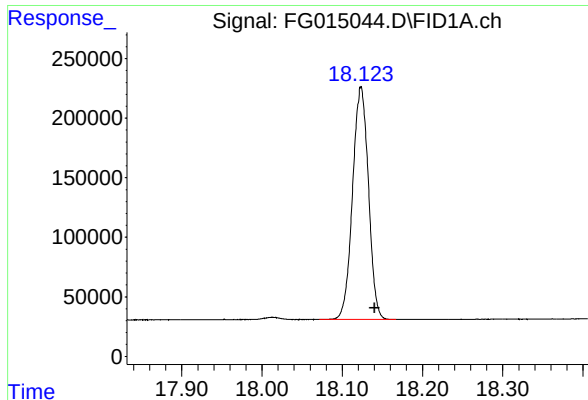
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.017 min
Response: 2804058
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

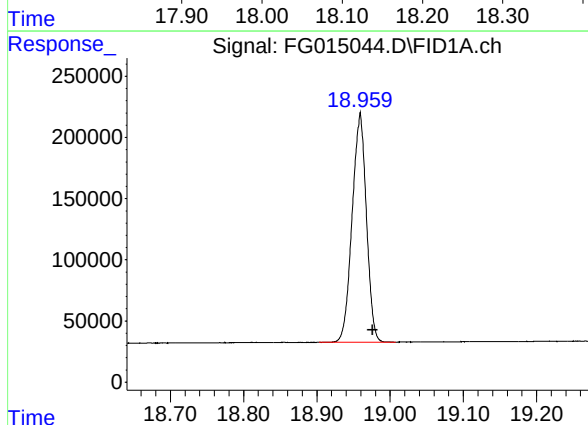
R.T.: 17.234 min
Delta R.T.: -0.016 min
Response: 2695360
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

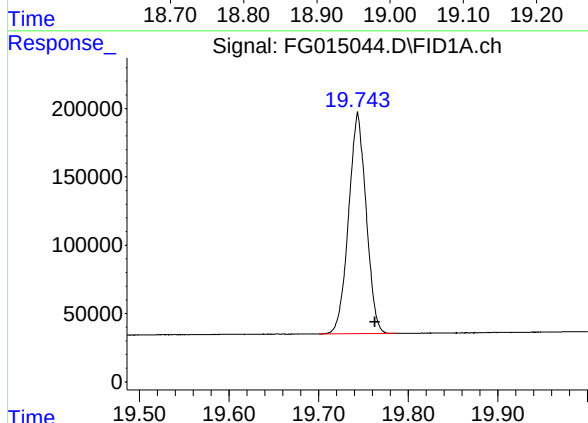
R.T.: 18.123 min
Delta R.T.: -0.017 min
Response: 2685566
Conc: 17.50 ug/ml

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20 PPM ALIPHATIC HC STD



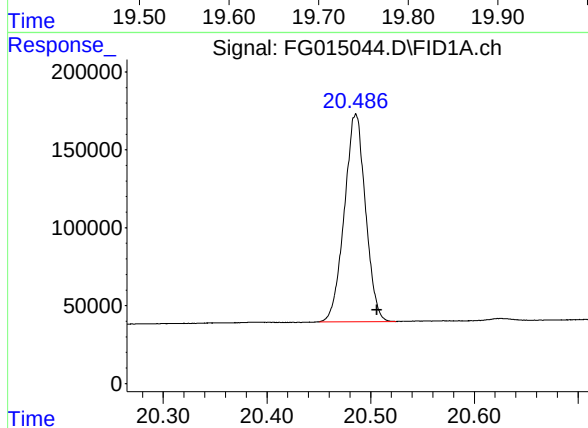
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.017 min
Response: 2532982
Conc: 17.17 ug/ml



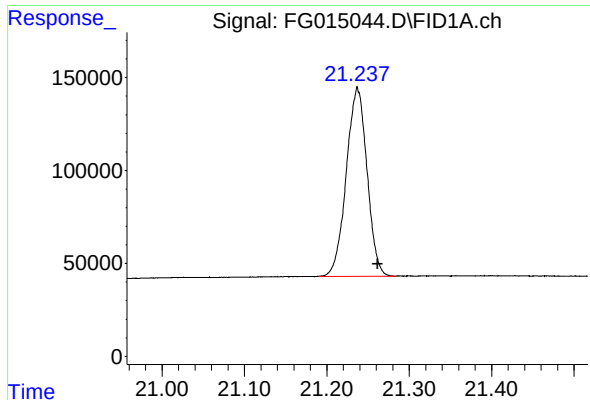
#19 n-Tetatriacontane (C34)

R.T.: 19.744 min
Delta R.T.: -0.019 min
Response: 2198823
Conc: 17.23 ug/ml



#20 n-Hexatriacontane (C36)

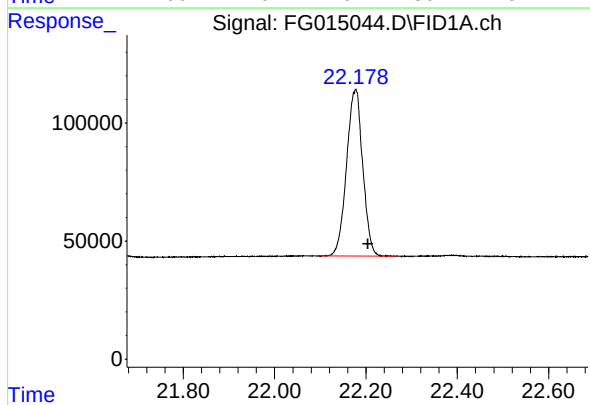
R.T.: 20.486 min
Delta R.T.: -0.021 min
Response: 1883596
Conc: 17.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.237 min
Delta R.T.: -0.024 min
Response: 1772165
Conc: 17.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.178 min
Delta R.T.: -0.027 min
Response: 1730951
Conc: 18.43 ug/ml