

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015302.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 06 01:56:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:54:48 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	2902278	20.635 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
12) S 1-chlorooctadecane (S...	13.386	2267596	20.597 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T n-Nonane (C9)	3.278	2415369	20.926 ug/ml
2) T n-Decane (C10)	4.540	2456819	20.874 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2738008	20.869 ug/ml
4) T n-Dodecane (C12)	6.721	2496179	20.845 ug/ml
5) T A~2-methylnaphthalene...	7.355	2668877	20.797 ug/ml
6) T n-Tetradecane (C14)	8.558	2508677	20.758 ug/ml
7) T n-Hexadecane (C16)	10.174	2639005	20.652 ug/ml
8) T n-Octadecane (C18)	11.624	2709910	20.623 ug/ml
10) T n-Eicosane (C20)	12.940	2631263	20.591 ug/ml
11) T n-Heneicosane (C21)	13.555	2593364	20.580 ug/ml
13) T n-Docosane (C22)	14.144	2576132	20.568 ug/ml
14) T n-Tetracosane (C24)	15.252	2564239	20.568 ug/ml
15) T n-Hexacosane (C26)	16.277	2498073	20.594 ug/ml
16) T n-Octacosane (C28)	17.229	2432331	20.570 ug/ml
17) T n-Tricontane (C30)	18.119	2454994	20.561 ug/ml
18) T n-Dotriacontane (C32)	18.955	2354326	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.741	2087165	20.510 ug/ml
20) T n-Hexatriacontane (C36)	20.482	1848271	20.489 ug/ml
21) T n-Octatriacontane (C38)	21.234	1790379	20.411 ug/ml
22) T n-Tetracontane (C40)	22.174	1818400	20.327 ug/ml

(f)=RT Delta > 1/2 Window

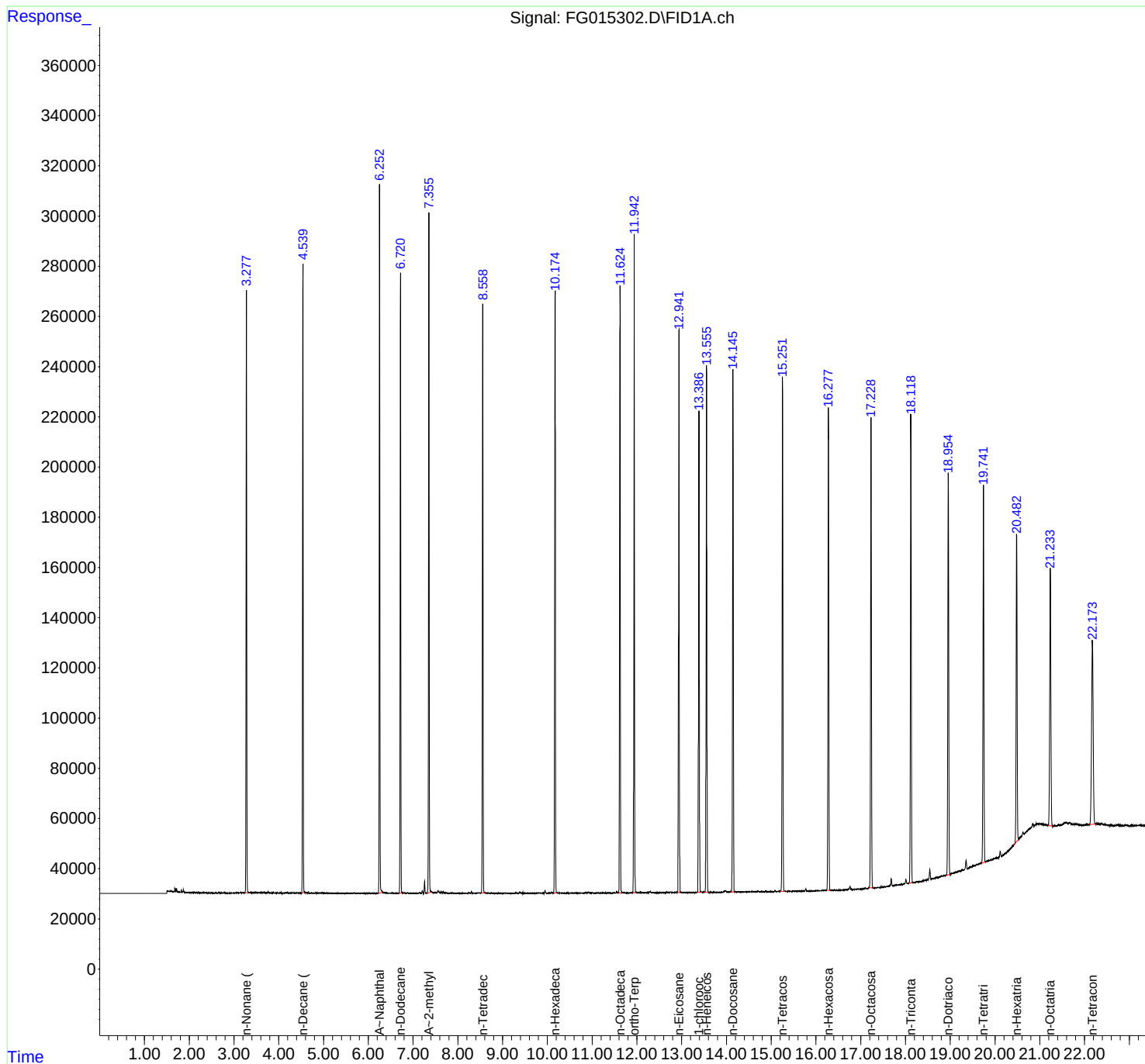
(m)=manual int.

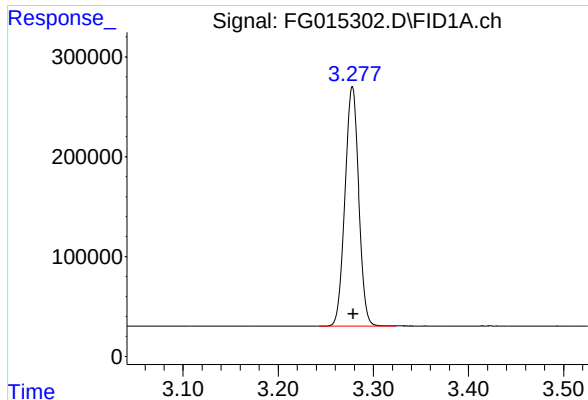
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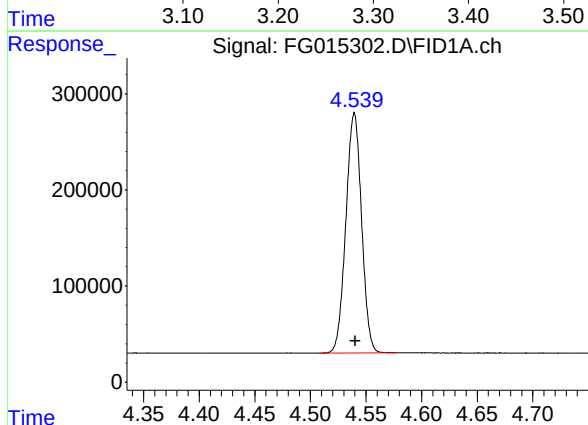




#1 n-Nonane (C9)

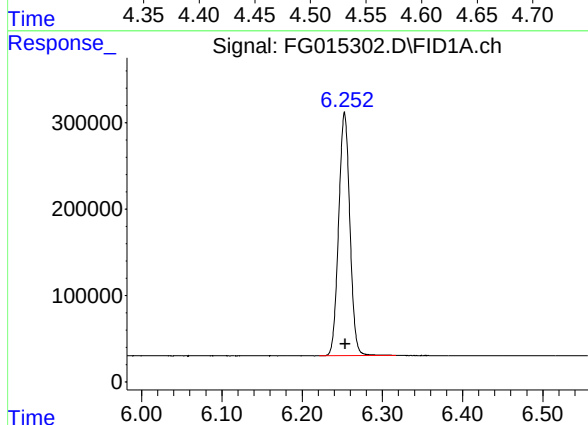
R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 2415369
Conc: 20.93 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



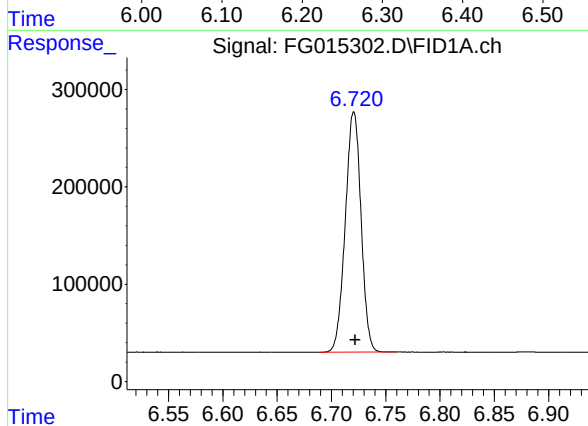
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2456819
Conc: 20.87 ug/ml



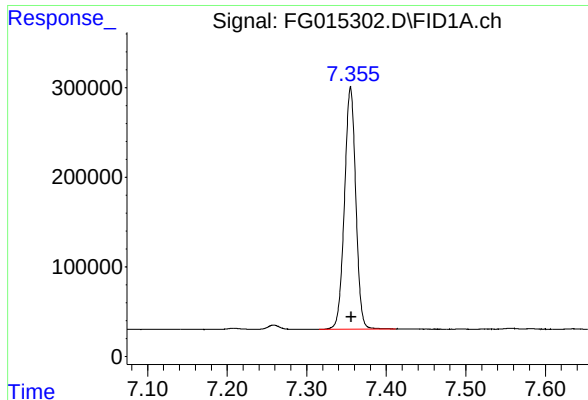
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 2738008
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

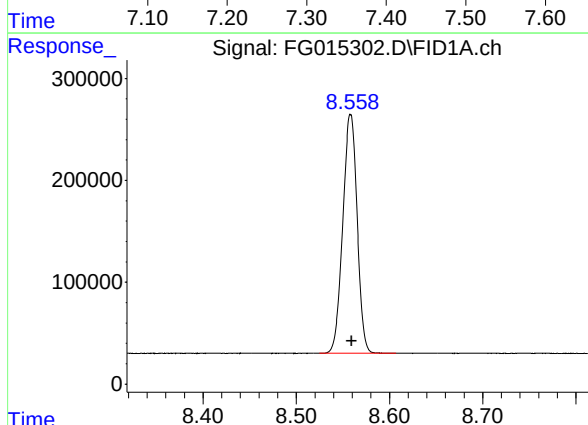
R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 2496179
Conc: 20.84 ug/ml



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

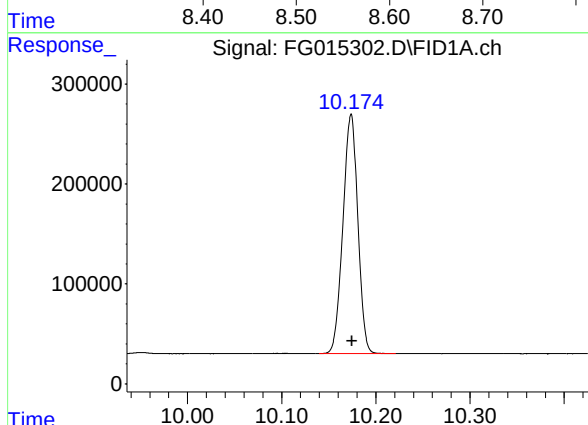
R.T.: 7.355 min
Delta R.T.: -0.001 min
Response: 2668877
Conc: 20.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



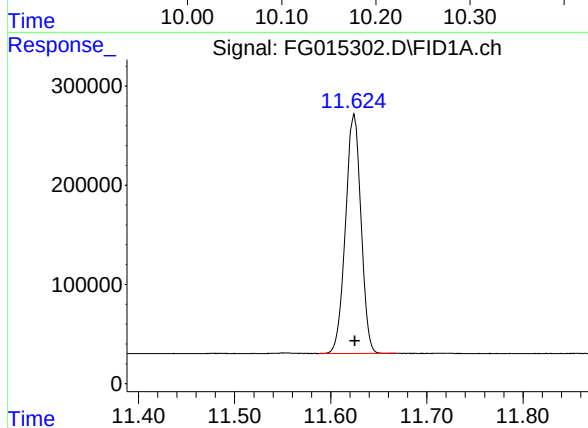
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.001 min
Response: 2508677
Conc: 20.76 ug/ml



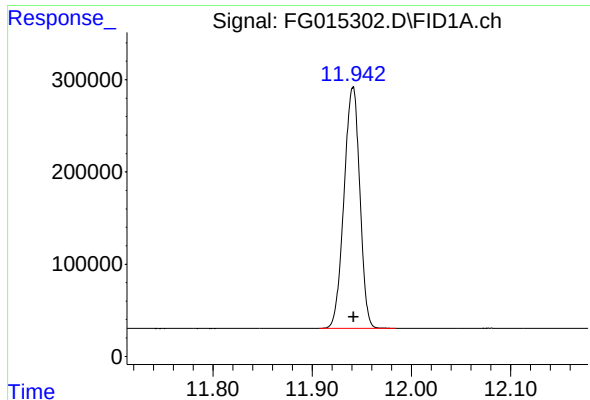
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 2639005
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

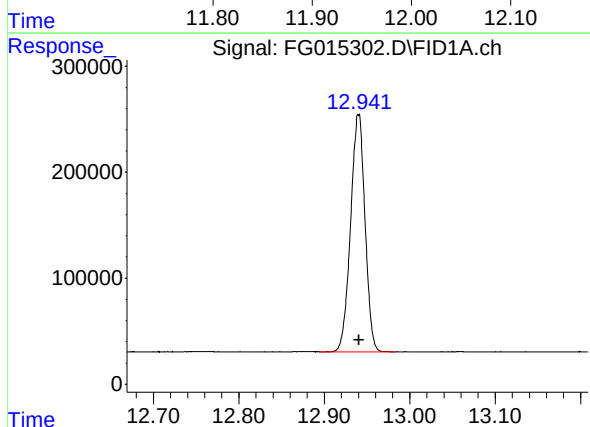
R.T.: 11.624 min
Delta R.T.: -0.001 min
Response: 2709910
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

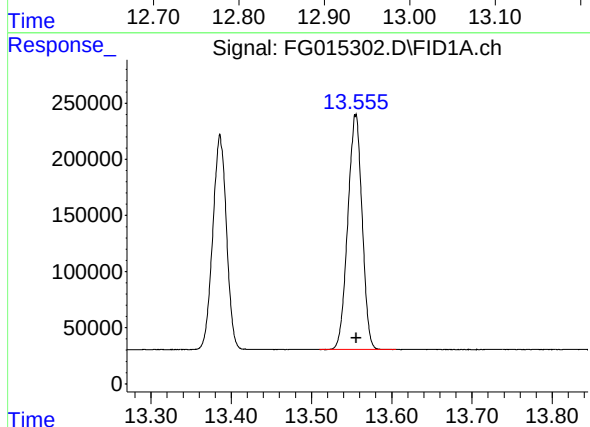
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 2902278
Conc: 20.64 ug/ml

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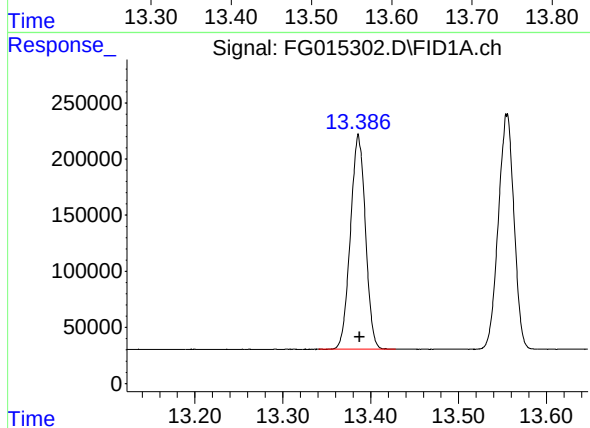
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2631263
Conc: 20.59 ug/ml



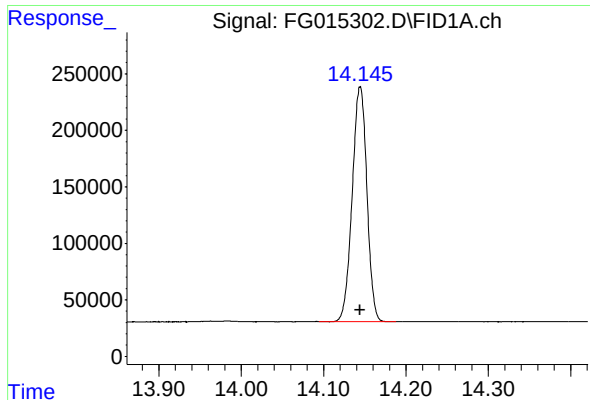
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2593364
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

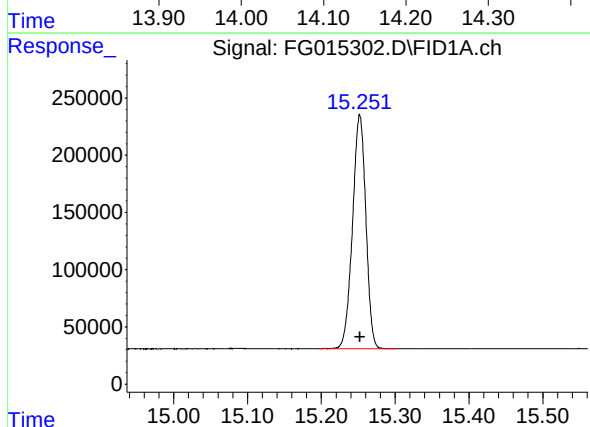
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2267596
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

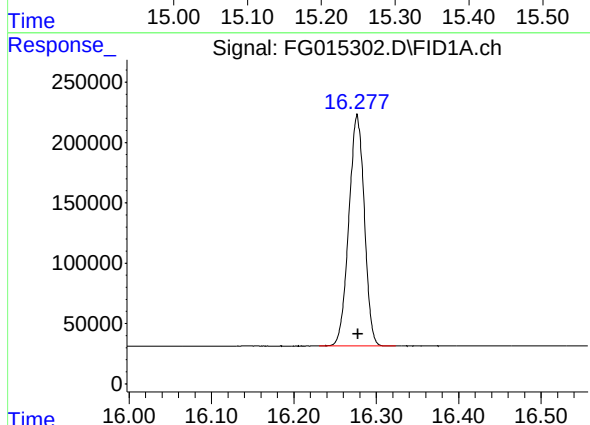
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 2576132
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



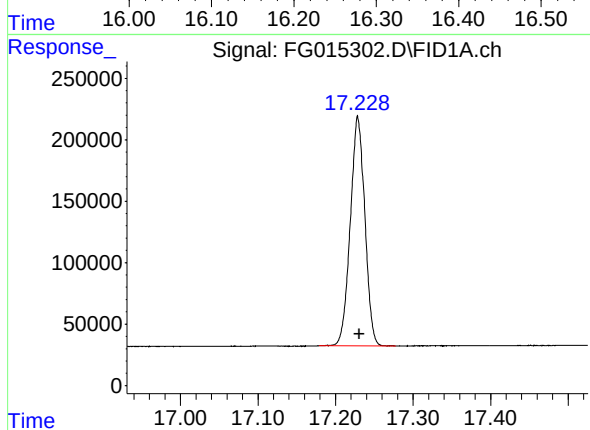
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: 0.000 min
Response: 2564239
Conc: 20.57 ug/ml



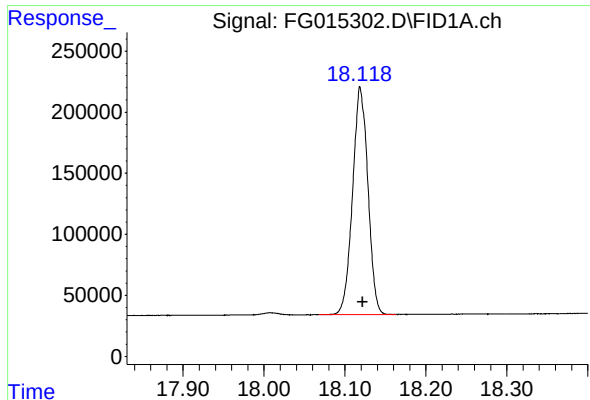
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.001 min
Response: 2498073
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

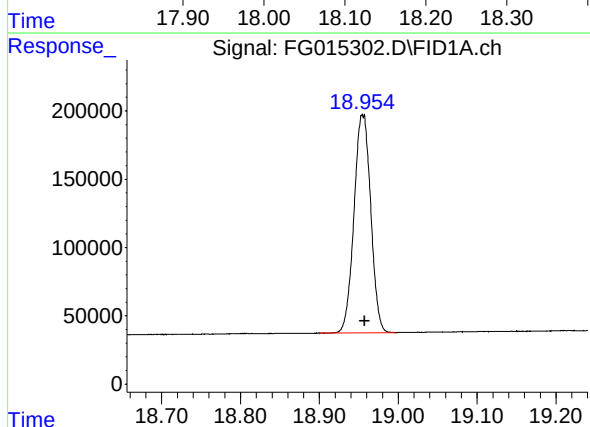
R.T.: 17.229 min
Delta R.T.: -0.002 min
Response: 2432331
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

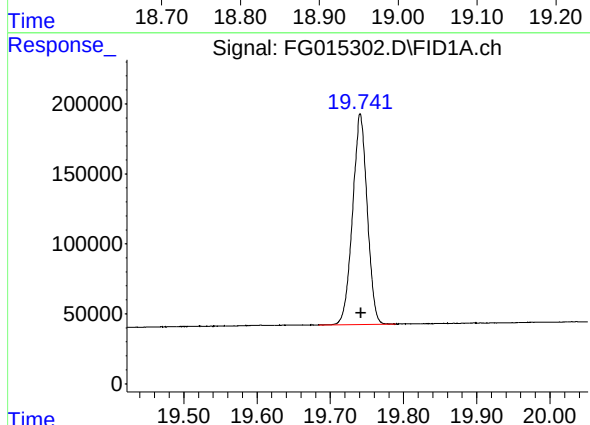
R.T.: 18.119 min
Delta R.T.: -0.003 min
Response: 2454994
Conc: 20.56 ug/ml

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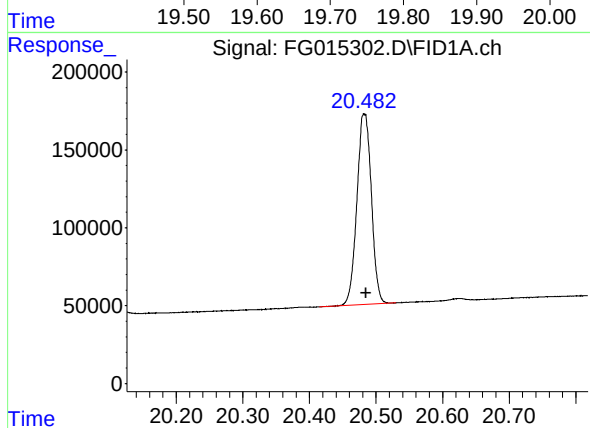
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: -0.002 min
Response: 2354326
Conc: 20.53 ug/ml



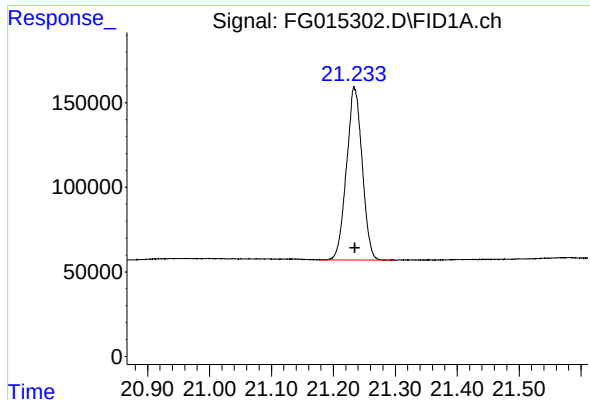
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 2087165
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

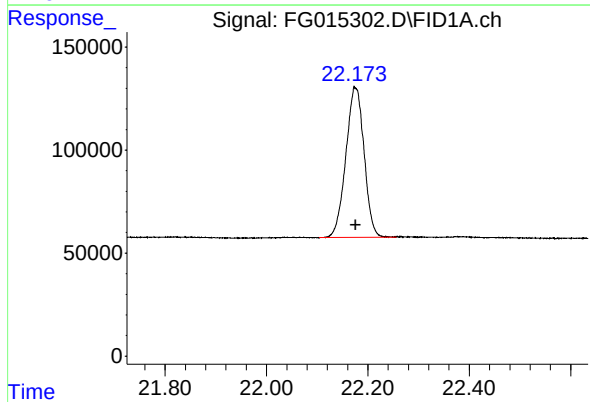
R.T.: 20.482 min
Delta R.T.: -0.003 min
Response: 1848271
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.000 min
Response: 1790379
Conc: 20.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: -0.002 min
Response: 1818400
Conc: 20.33 ug/ml