

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
 Data File : FG015107.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2025 08:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 18 03:45:07 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)	11.944	3533273	22.599 ug/ml
Spiked Amount 50.000		Recovery =	45.20%
12) S 1-chlorooctadecane (S...	13.389	2768321	22.735 ug/ml
Spiked Amount 50.000		Recovery =	45.47%
Target Compounds			
1) T n-Nonane (C9)	3.290	2963061	22.822 ug/ml
2) T n-Decane (C10)	4.547	3046613	22.926 ug/ml
3) T A~Naphthalene (C11.7)	6.256	3364812	23.041 ug/ml
4) T n-Dodecane (C12)	6.725	3133462	23.050 ug/ml
5) T A~2-methylnaphthalene...	7.359	3297743	23.101 ug/ml
6) T n-Tetradecane (C14)	8.562	3157638	22.961 ug/ml
7) T n-Hexadecane (C16)	10.177	3294925	22.740 ug/ml
8) T n-Octadecane (C18)	11.627	3343876	22.498 ug/ml
10) T n-Eicosane (C20)	12.943	3221973	22.447 ug/ml
11) T n-Heneicosane (C21)	13.558	3166197	22.393 ug/ml
13) T n-Docosane (C22)	14.148	3141282	22.342 ug/ml
14) T n-Tetracosane (C24)	15.254	3093074	22.223 ug/ml
15) T n-Hexacosane (C26)	16.279	2991488	22.086 ug/ml
16) T n-Octacosane (C28)	17.231	2876008	21.855 ug/ml
17) T n-Tricontane (C30)	18.123	2874638	21.670 ug/ml
18) T n-Dotriacontane (C32)	18.959	2717184	21.544 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2357744	21.654 ug/ml
20) T n-Hexatriacontane (C36)	20.485	2027063	21.712 ug/ml
21) T n-Octatriacontane (C38)	21.234	1919598	21.875 ug/ml
22) T n-Tetracontane (C40)	22.173	1918672	22.636 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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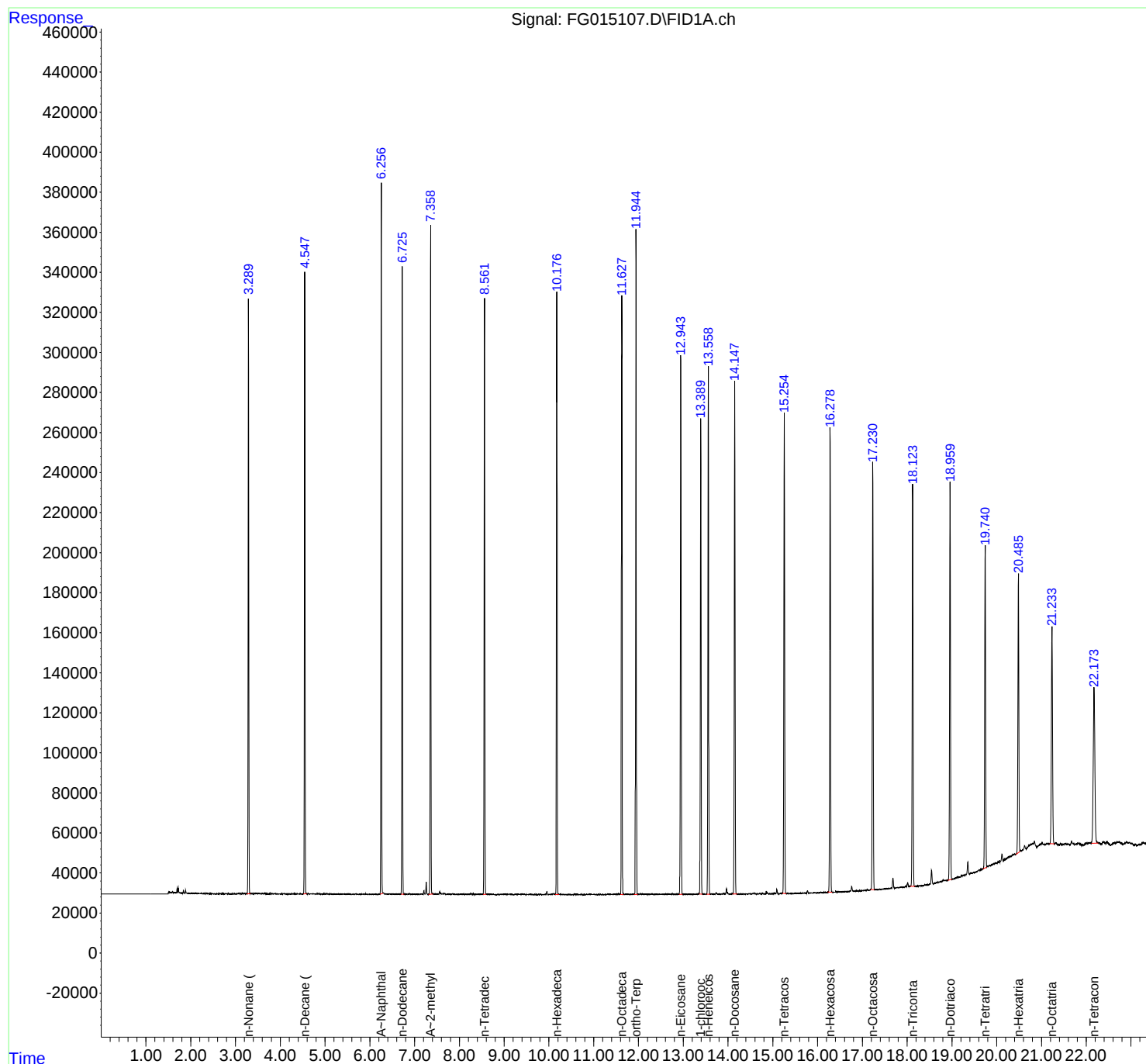
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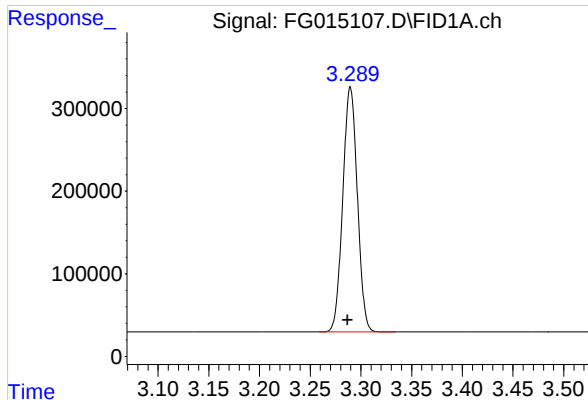
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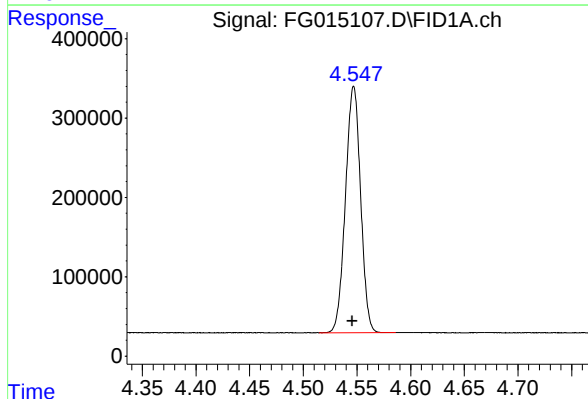
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.003 min
Response: 2963061
Conc: 22.82 ug/ml

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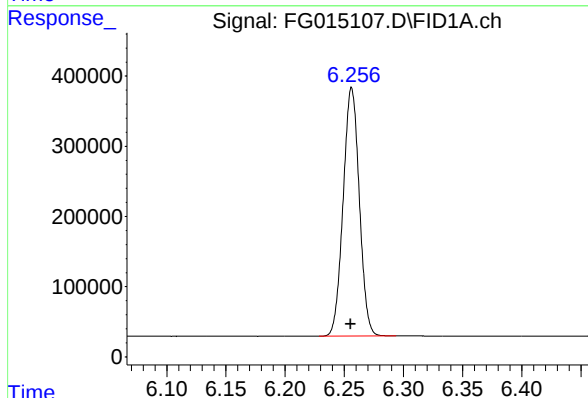
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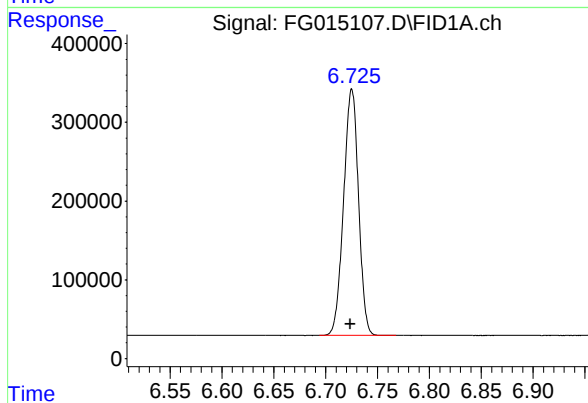
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: 0.001 min
Response: 3046613
Conc: 22.93 ug/ml



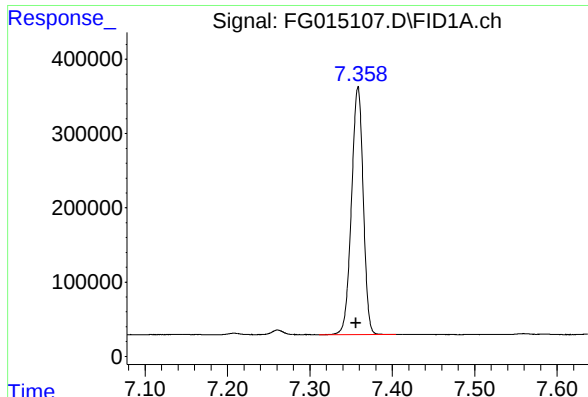
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 3364812
Conc: 23.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 3133462
Conc: 23.05 ug/ml



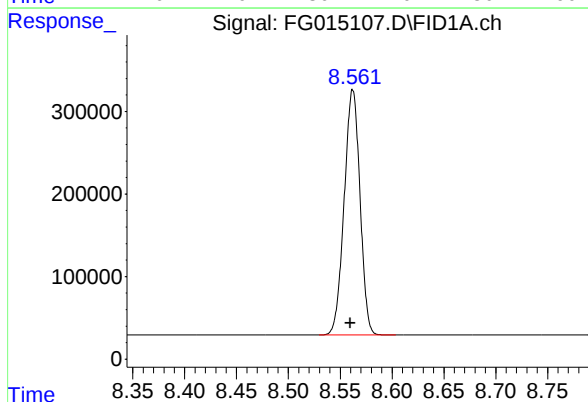
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 3297743
Conc: 23.10 ug/ml

Instrument : FID_G
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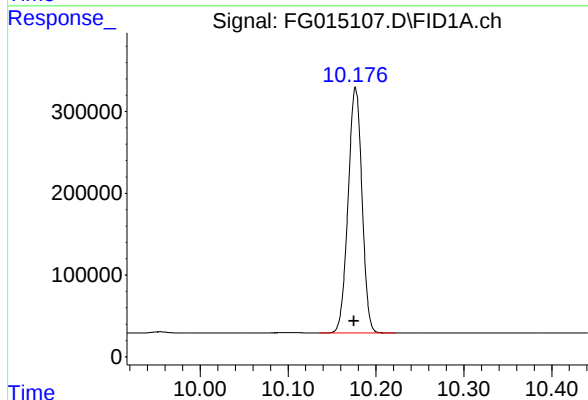
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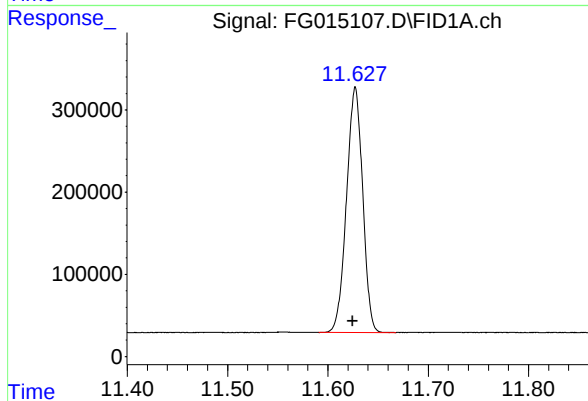
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 3157638
Conc: 22.96 ug/ml



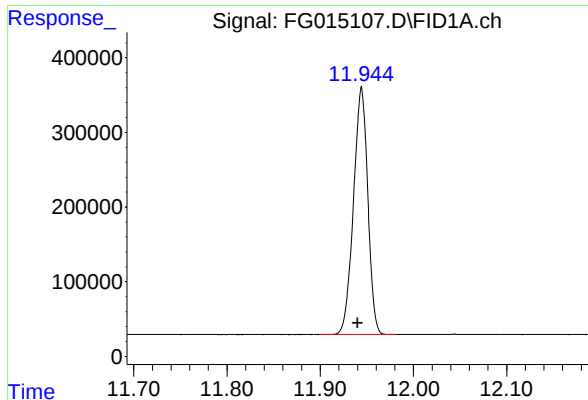
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 3294925
Conc: 22.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 3343876
Conc: 22.50 ug/ml



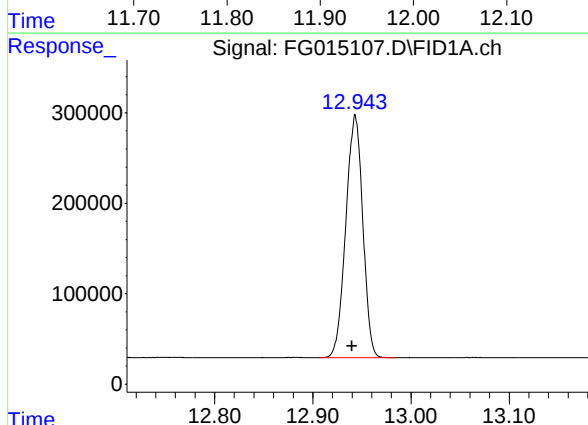
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 3533273
Conc: 22.60 ug/ml

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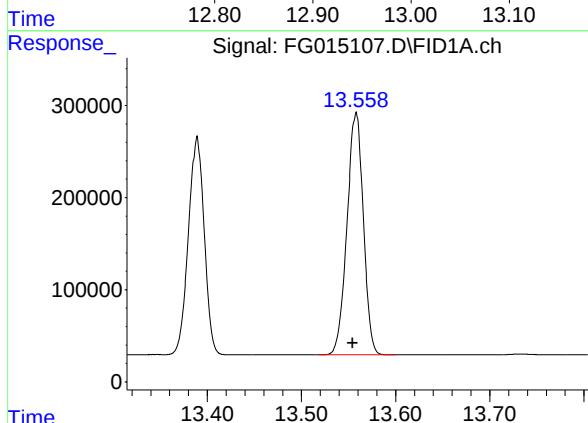
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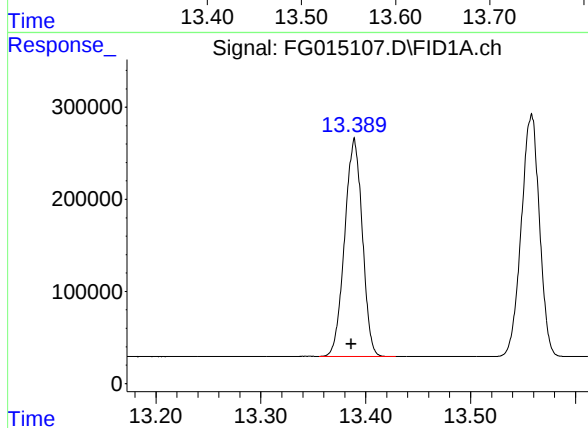
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.003 min
Response: 3221973
Conc: 22.45 ug/ml



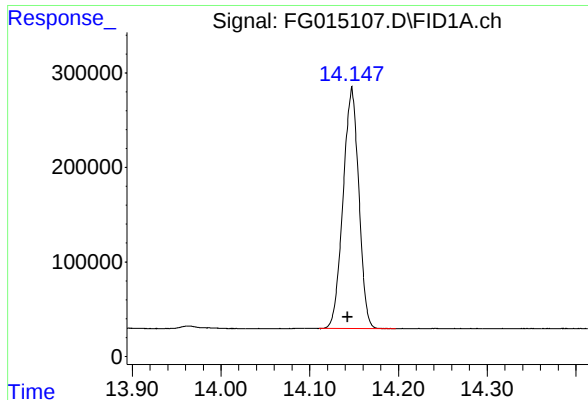
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.004 min
Response: 3166197
Conc: 22.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: 0.003 min
Response: 2768321
Conc: 22.74 ug/ml



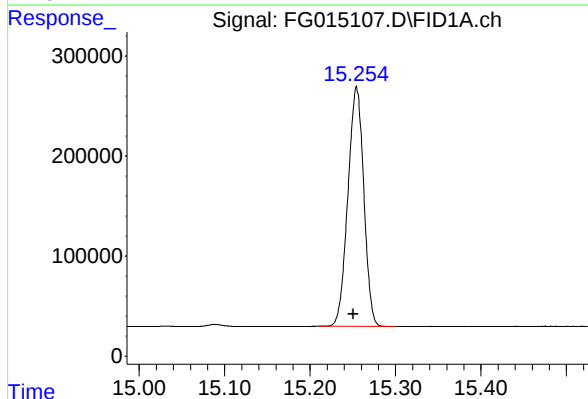
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: 0.005 min
Response: 3141282
Conc: 22.34 ug/ml

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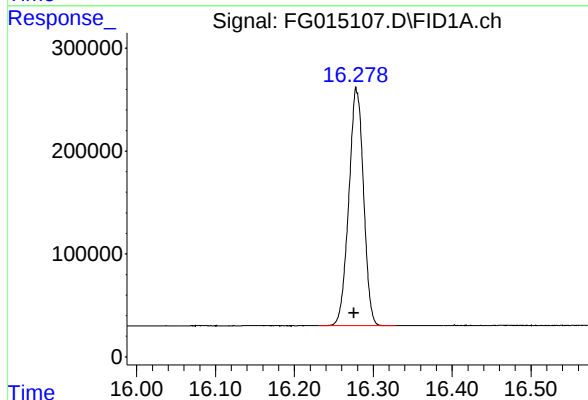
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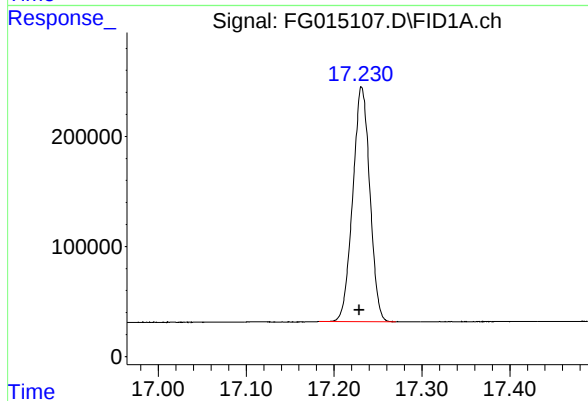
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: 0.004 min
Response: 3093074
Conc: 22.22 ug/ml



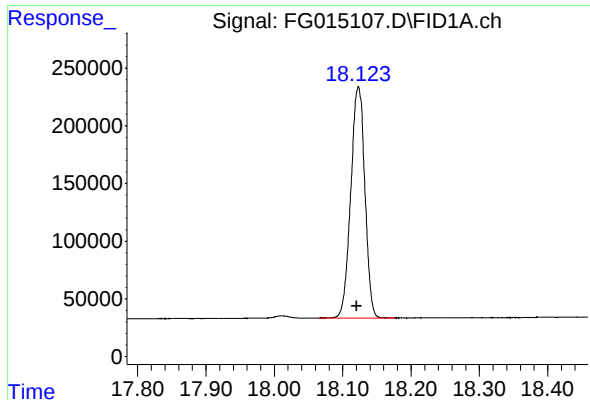
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: 0.003 min
Response: 2991488
Conc: 22.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.003 min
Response: 2876008
Conc: 21.85 ug/ml



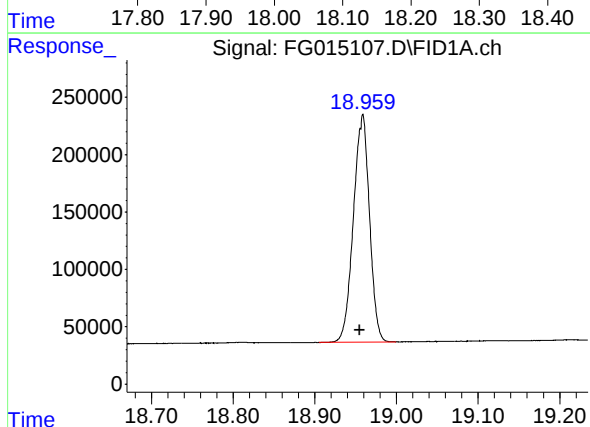
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.003 min
Response: 2874638
Conc: 21.67 ug/ml

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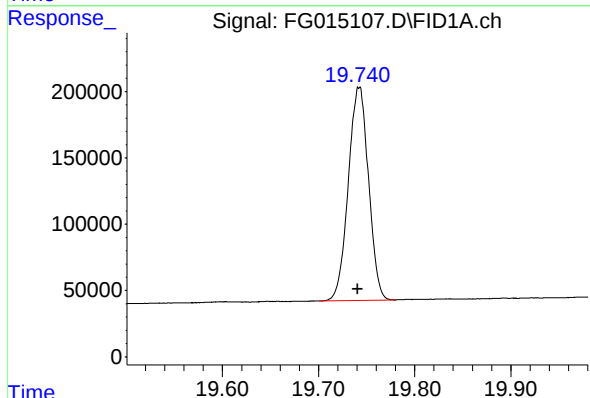
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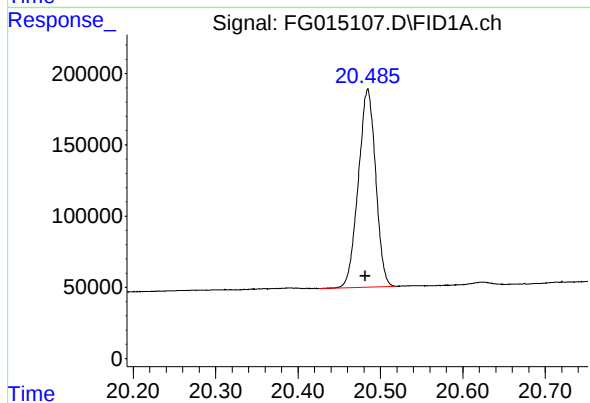
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.004 min
Response: 2717184
Conc: 21.54 ug/ml



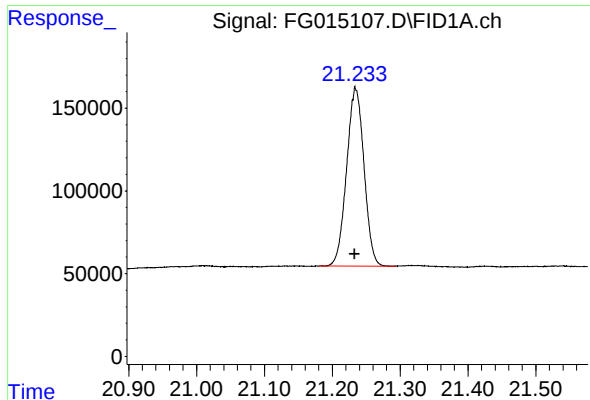
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.002 min
Response: 2357744
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 2027063
Conc: 21.71 ug/ml



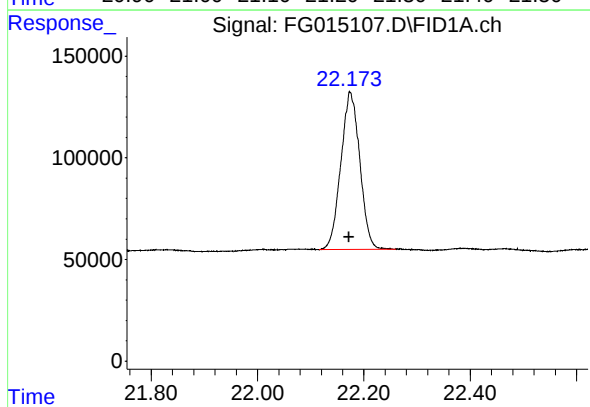
#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.001 min
Response: 1919598
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.001 min
Response: 1918672
Conc: 22.64 ug/ml m