

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083122AL\
 Data File : FC061398.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2022 02:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 05:18:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.584	2936258	16.586 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
12) S 1-chlorooctadecane (S...	13.022	2326181	16.610 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.338	2710284	17.926 ug/ml
2) T n-Decane (C10)	4.405	2743533	18.081 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3091501	17.859 ug/ml
4) T n-Dodecane (C12)	6.423	2759436	17.817 ug/ml
5) T A~2-methylnaphthalene...	7.048	3107608	17.649 ug/ml
6) T n-Tetradecane (C14)	8.222	2755227	17.615 ug/ml
7) T n-Hexadecane (C16)	9.823	2738276	17.482 ug/ml
8) T n-Octadecane (C18)	11.267	2727887	17.291 ug/ml
10) T n-Eicosane (C20)	12.576	2629417	16.914 ug/ml
11) T n-Heneicosane (C21)	13.189	2595053	16.591 ug/ml
13) T n-Docosane (C22)	13.775	2574092	16.588 ug/ml
14) T n-Tetracosane (C24)	14.878	2561742	16.559 ug/ml
15) T n-Hexacosane (C26)	15.899	2475540	16.448 ug/ml
16) T n-Octacosane (C28)	16.849	2439957	16.519 ug/ml
17) T n-Tricontane (C30)	17.737	2459411	17.807 ug/ml
18) T n-Dotriacontane (C32)	18.568	2086291	19.007 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1577397	20.436 ug/mlm
20) T n-Hexatriacontane (C36)	20.092	1155472	20.466 ug/mlm
21) T n-Octatriacontane (C38)	20.829	932762	20.106 ug/mlm
22) T n-Tetracontane (C40)	21.743	1038243	24.753 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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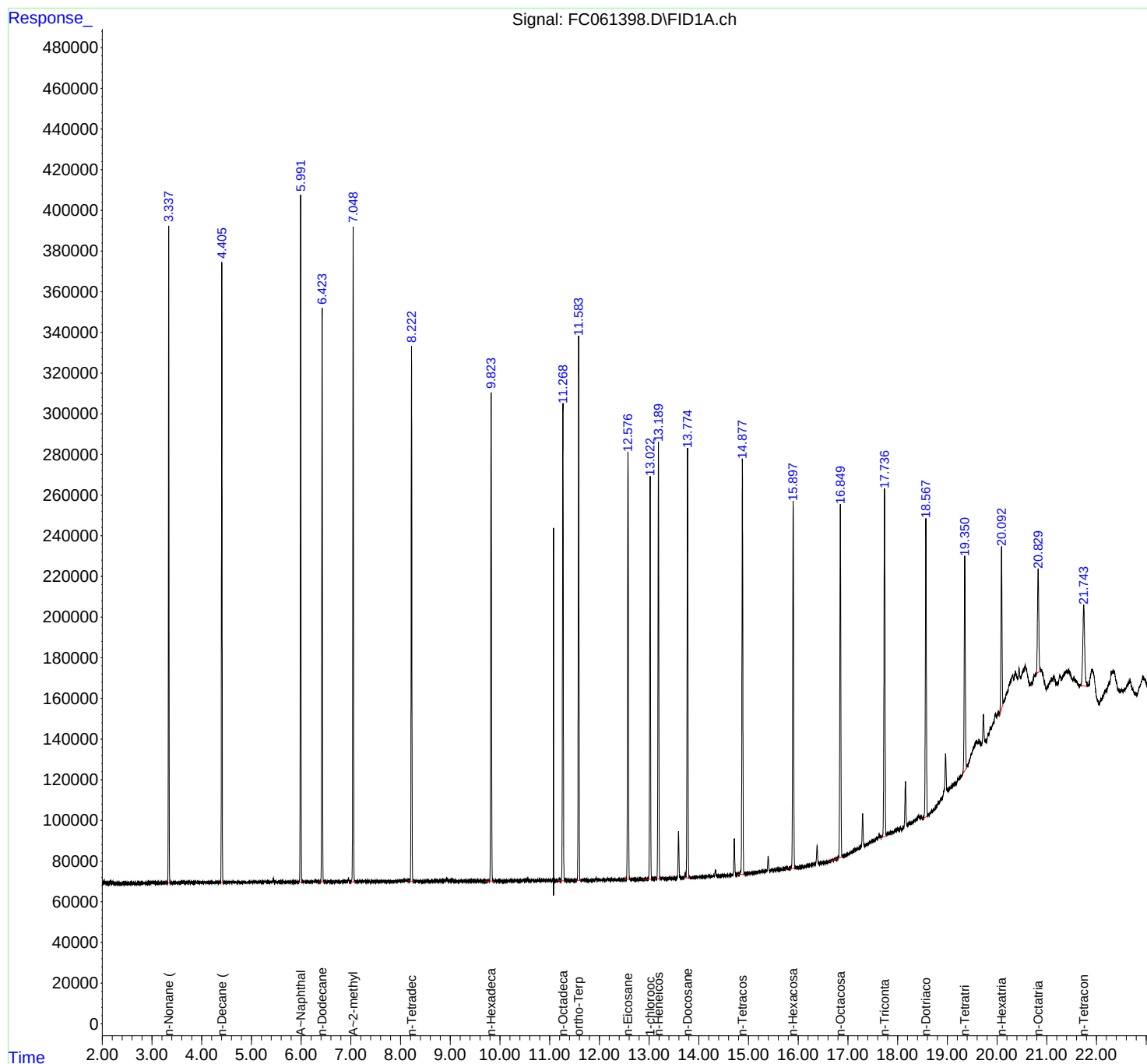
Instrument :
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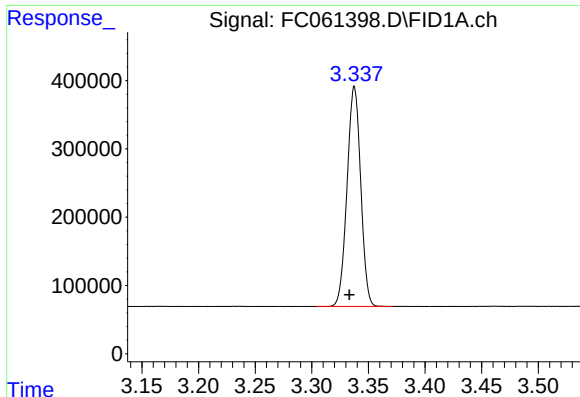
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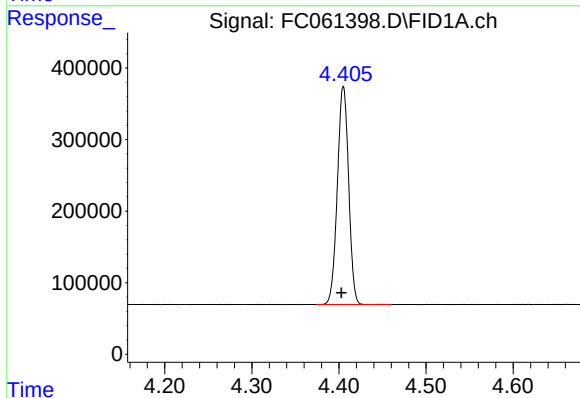
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.005 min
Response: 2710284
Conc: 17.93 ug/ml

Instrument :
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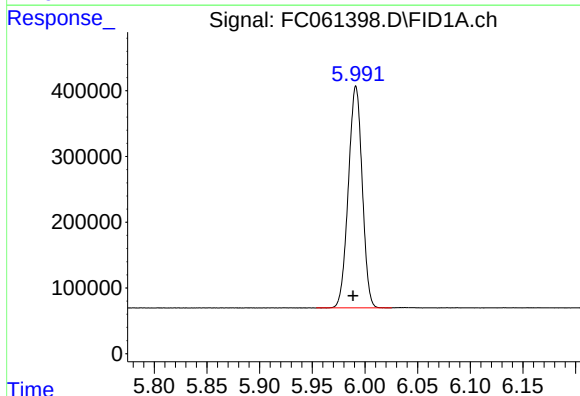
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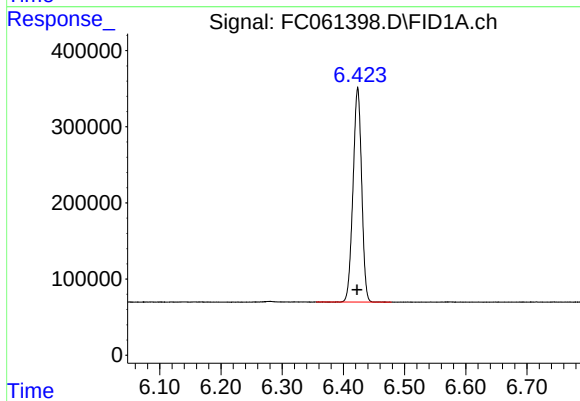
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: 0.002 min
Response: 2743533
Conc: 18.08 ug/ml



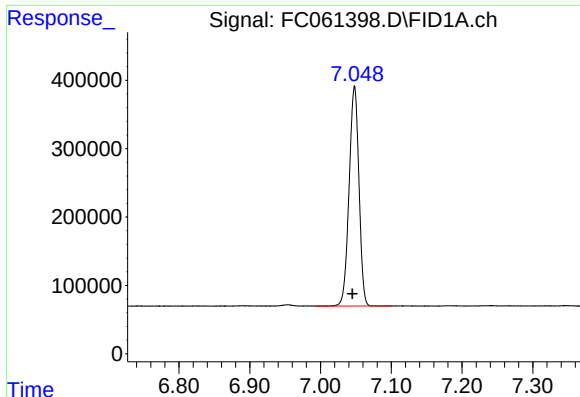
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 3091501
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 2759436
Conc: 17.82 ug/ml



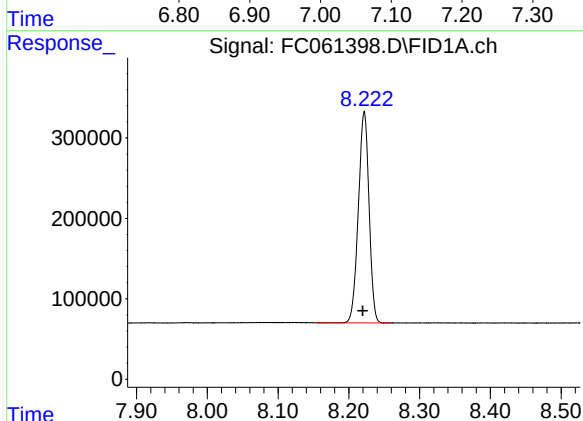
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: 0.003 min
Response: 3107608
Conc: 17.65 ug/ml

Instrument :
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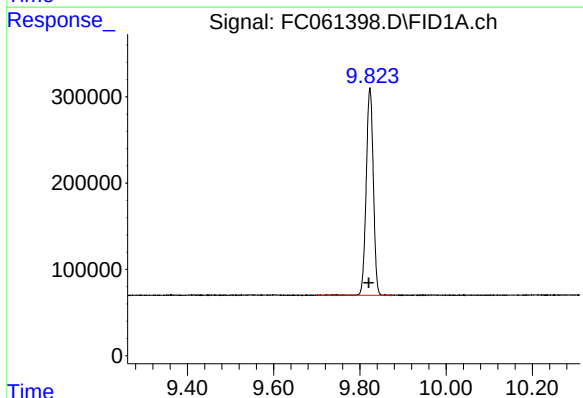
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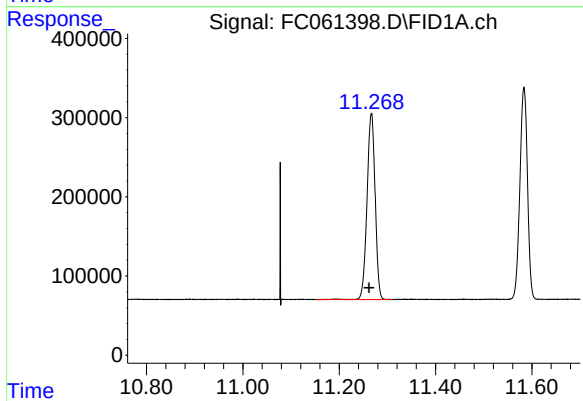
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.002 min
Response: 2755227
Conc: 17.61 ug/ml



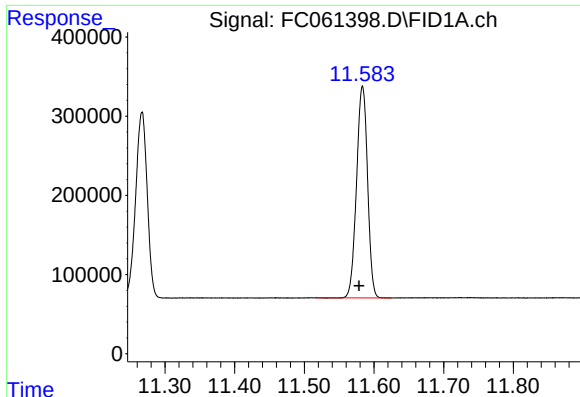
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.003 min
Response: 2738276
Conc: 17.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.005 min
Response: 2727887
Conc: 17.29 ug/ml



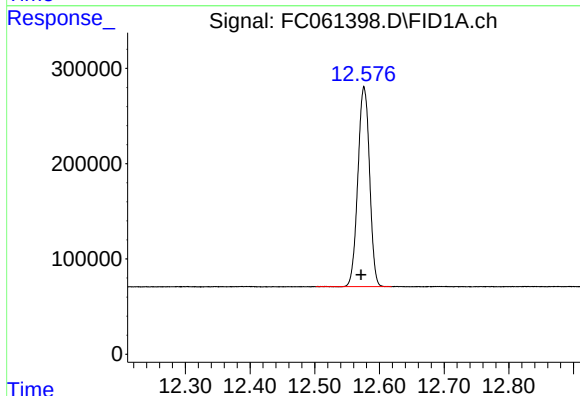
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: 0.005 min
Response: 2936258
Conc: 16.59 ug/ml

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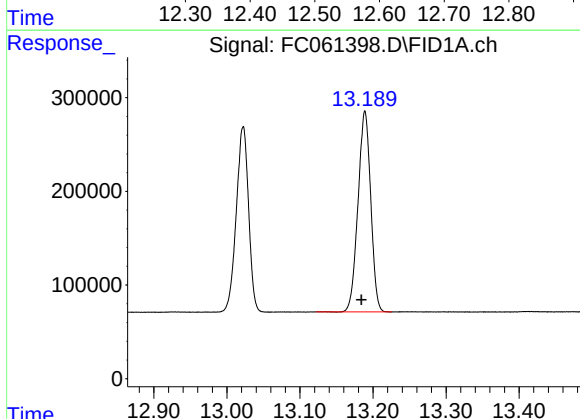
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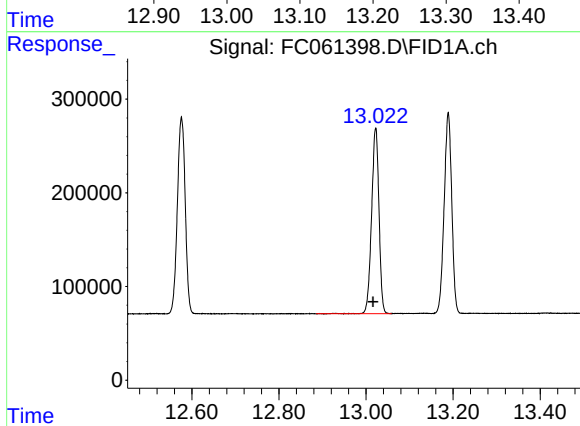
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.005 min
Response: 2629417
Conc: 16.91 ug/ml



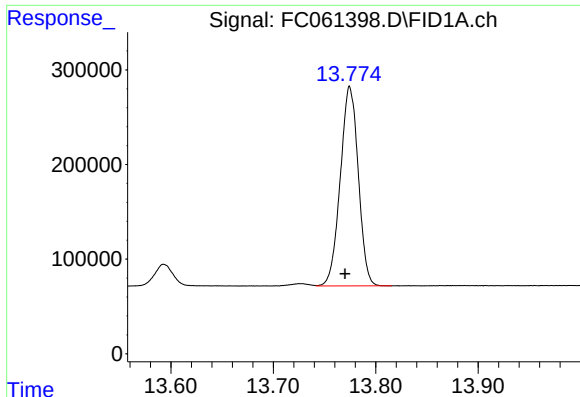
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.005 min
Response: 2595053
Conc: 16.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: 0.006 min
Response: 2326181
Conc: 16.61 ug/ml



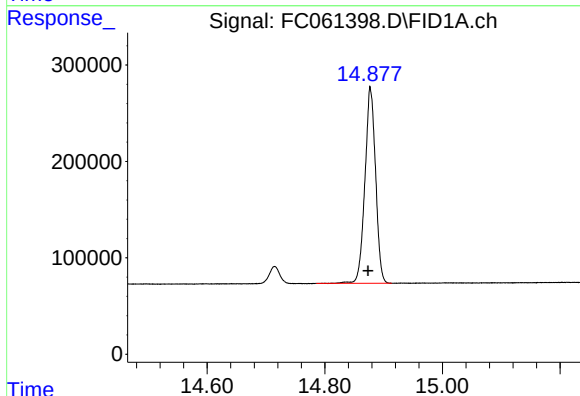
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 2574092
Conc: 16.59 ug/ml

Instrument :
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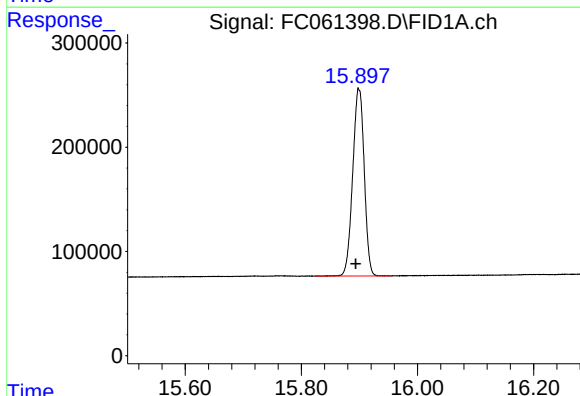
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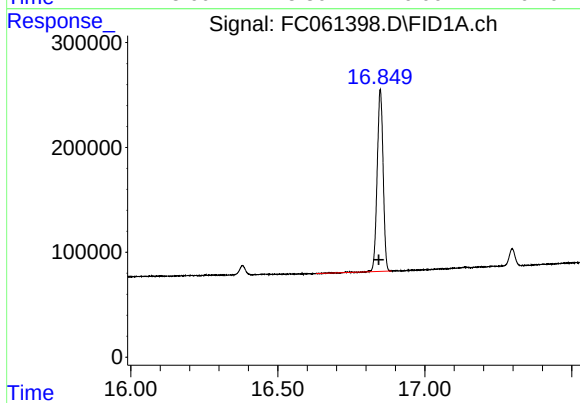
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: 0.004 min
Response: 2561742
Conc: 16.56 ug/ml



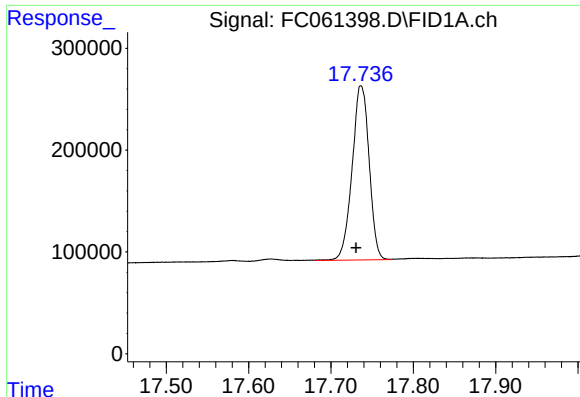
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.005 min
Response: 2475540
Conc: 16.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.005 min
Response: 2439957
Conc: 16.52 ug/ml



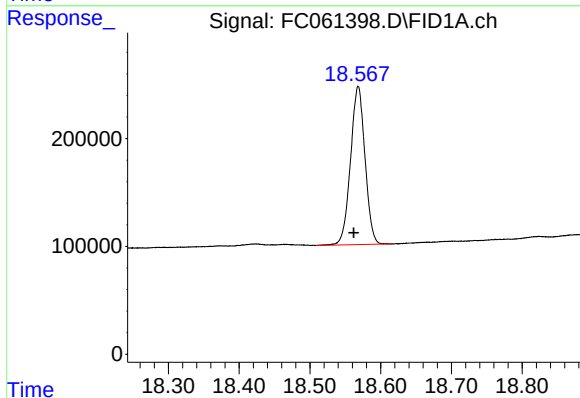
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: 0.006 min
Response: 2459411
Conc: 17.81 ug/ml

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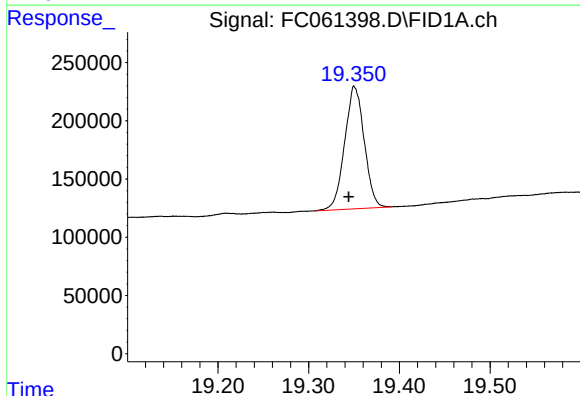
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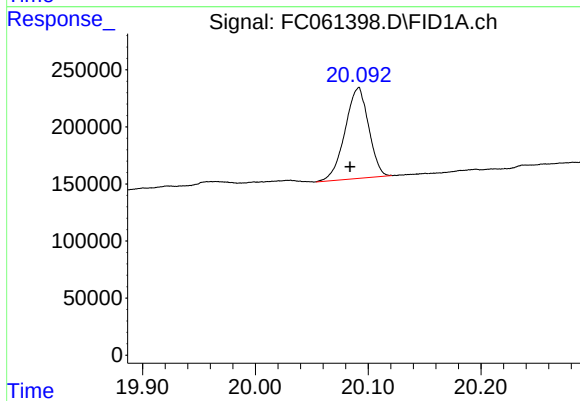
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.006 min
Response: 2086291
Conc: 19.01 ug/ml



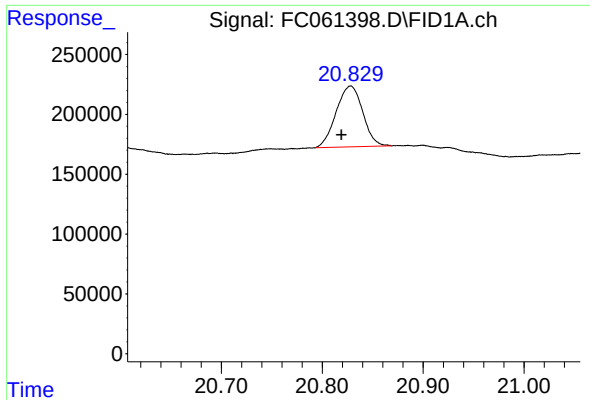
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: 0.005 min
Response: 1577397
Conc: 20.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: 0.008 min
Response: 1155472
Conc: 20.47 ug/ml m



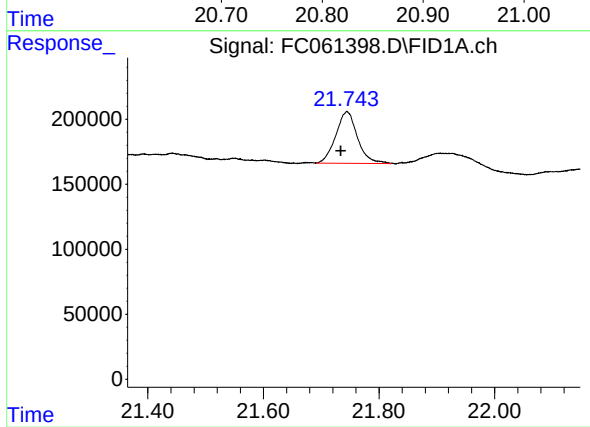
#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: 0.010 min
Response: 932762
Conc: 20.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.010 min
Response: 1038243
Conc: 24.75 ug/ml m