

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090622AL\
 Data File : FC061439.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2022 12:17
 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 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: autoint1.e
 Quant Time: Sep 07 02:11:46 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)	11.583	2967770	16.764 ug/ml
Spiked Amount 50.000		Recovery =	33.53%
12) S 1-chlorooctadecane (S...	13.021	2336339	16.682 ug/ml
Spiked Amount 50.000		Recovery =	33.36%
Target Compounds			
1) T n-Nonane (C9)	3.334	2683535	17.749 ug/ml
2) T n-Decane (C10)	4.404	2770141	18.256 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3126376	18.061 ug/ml
4) T n-Dodecane (C12)	6.424	2795258	18.049 ug/ml
5) T A~2-methylnaphthalene...	7.049	3146651	17.870 ug/ml
6) T n-Tetradecane (C14)	8.222	2787760	17.823 ug/ml
7) T n-Hexadecane (C16)	9.824	2768946	17.678 ug/ml
8) T n-Octadecane (C18)	11.266	2747200	17.413 ug/ml
10) T n-Eicosane (C20)	12.576	2662877	17.129 ug/ml
11) T n-Heneicosane (C21)	13.188	2623771	16.774 ug/ml
13) T n-Docosane (C22)	13.775	2599424	16.751 ug/ml
14) T n-Tetracosane (C24)	14.877	2588255	16.731 ug/ml
15) T n-Hexacosane (C26)	15.898	2506427	16.654 ug/ml
16) T n-Octacosane (C28)	16.847	2533162	17.150 ug/ml
17) T n-Tricontane (C30)	17.735	2578537	18.669 ug/ml
18) T n-Dotriacontane (C32)	18.567	2259320	20.583 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1680356	21.770 ug/mlm
20) T n-Hexatriacontane (C36)	20.086	1285180	22.763 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1097936	23.667 ug/mlm
22) T n-Tetracontane (C40)	21.739	986350	23.516 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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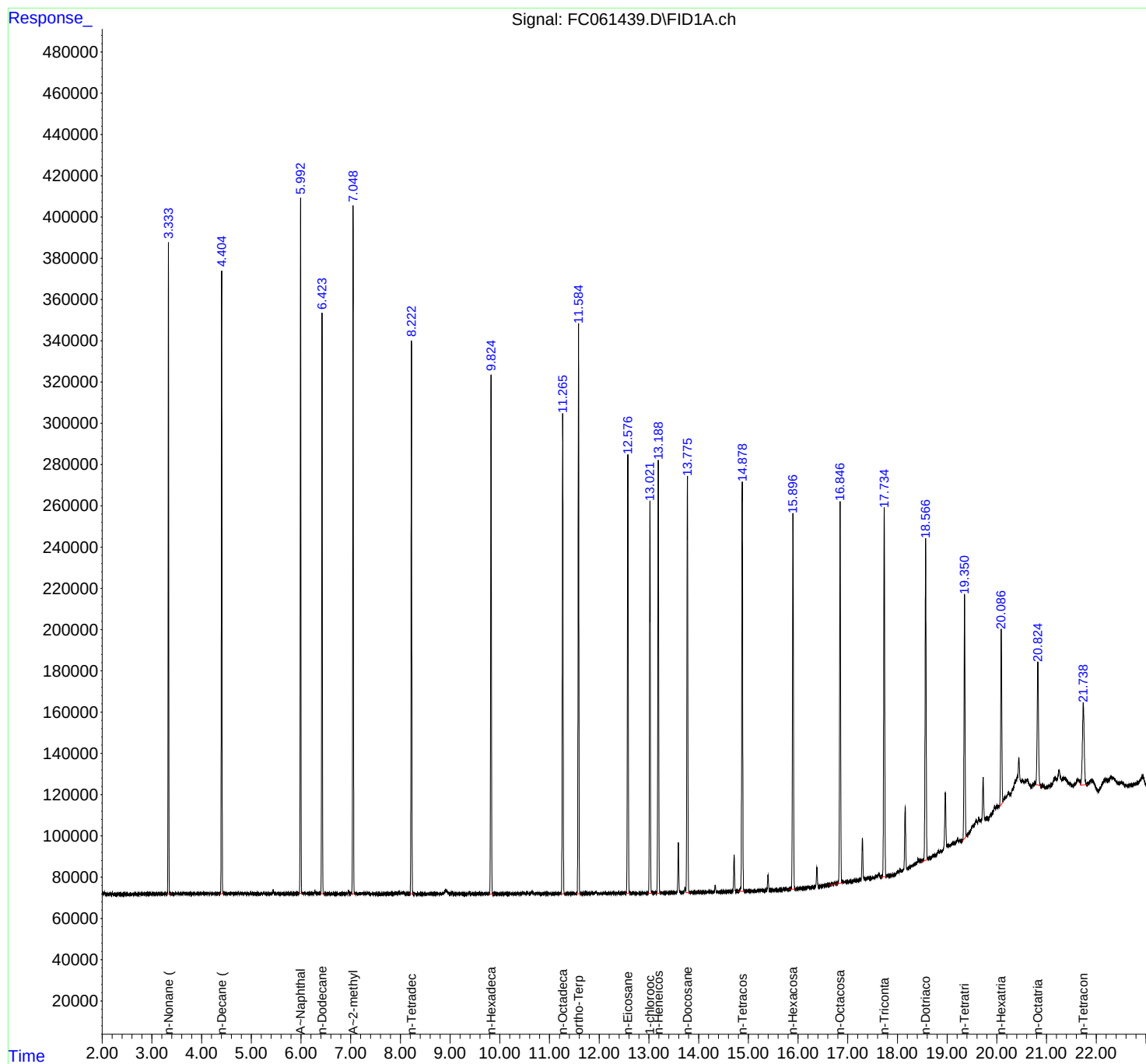
Instrument :
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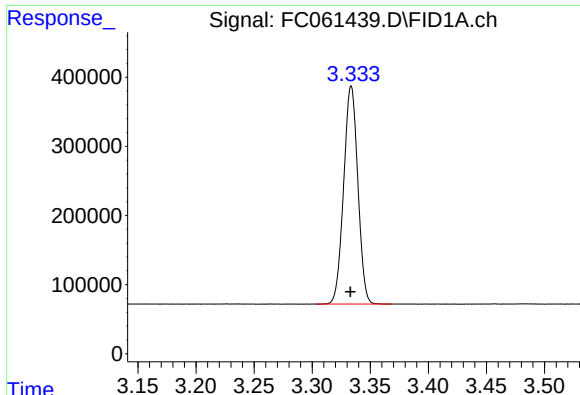
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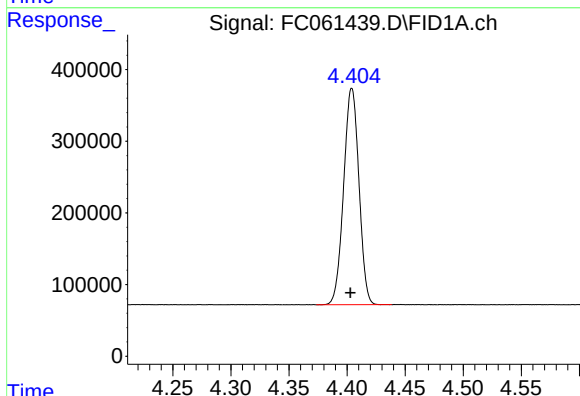
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2683535
Conc: 17.75 ug/ml

Instrument :
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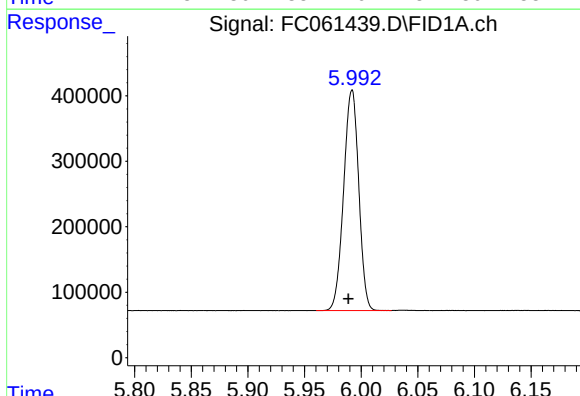
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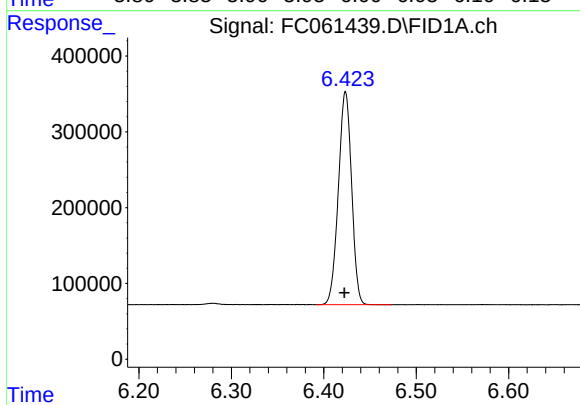
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: 0.001 min
Response: 2770141
Conc: 18.26 ug/ml



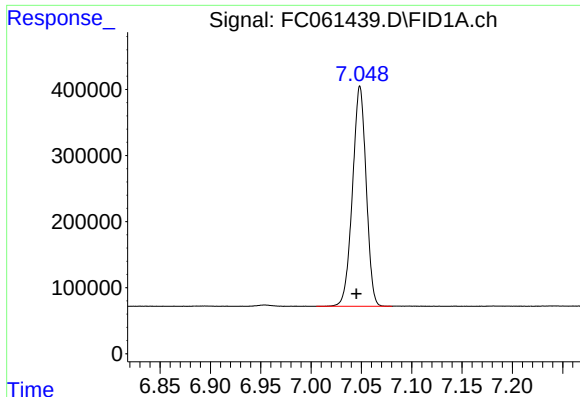
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 3126376
Conc: 18.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: 0.001 min
Response: 2795258
Conc: 18.05 ug/ml



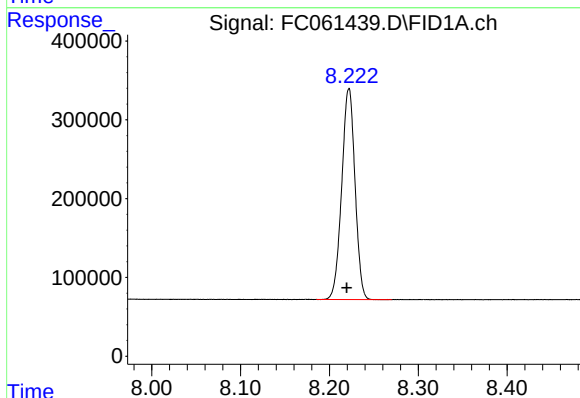
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: 0.003 min
Response: 3146651
Conc: 17.87 ug/ml

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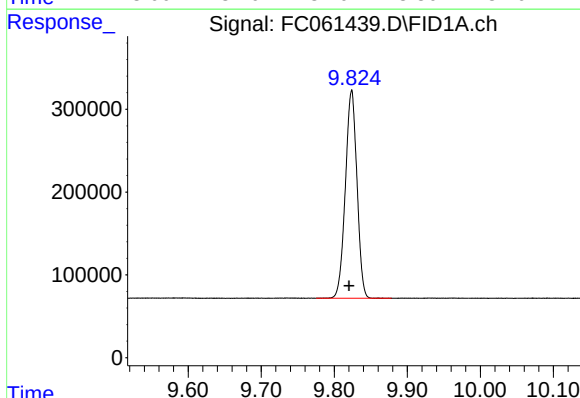
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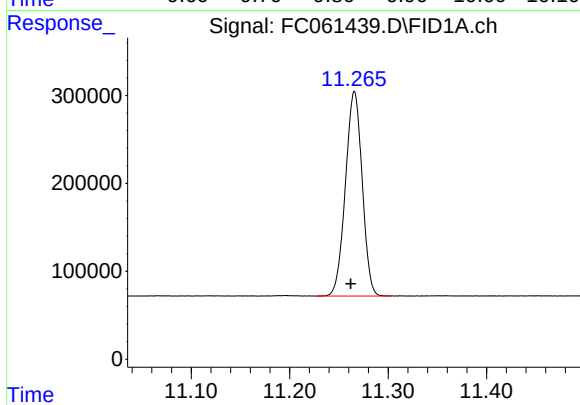
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.002 min
Response: 2787760
Conc: 17.82 ug/ml



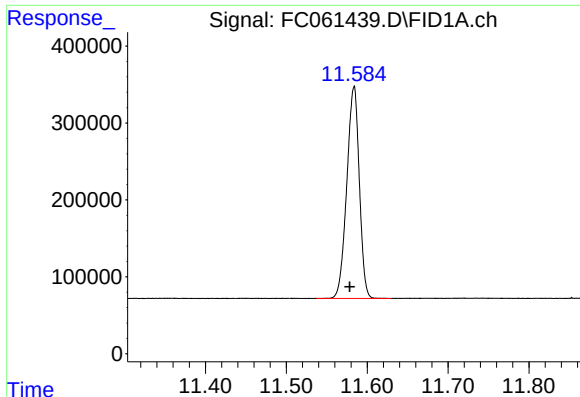
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.003 min
Response: 2768946
Conc: 17.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.004 min
Response: 2747200
Conc: 17.41 ug/ml



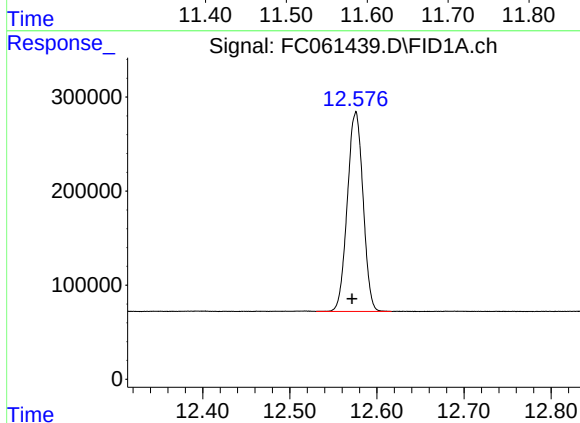
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: 0.005 min
Response: 2967770
Conc: 16.76 ug/ml

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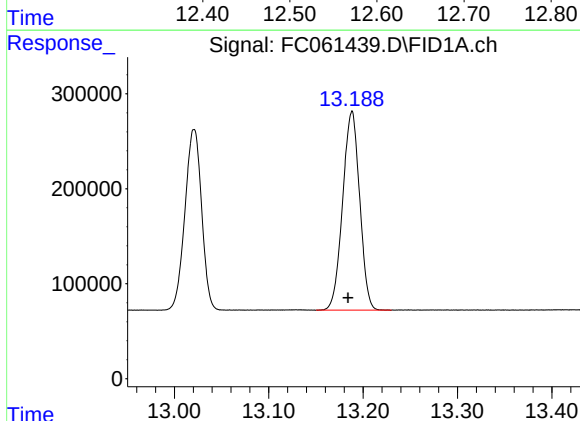
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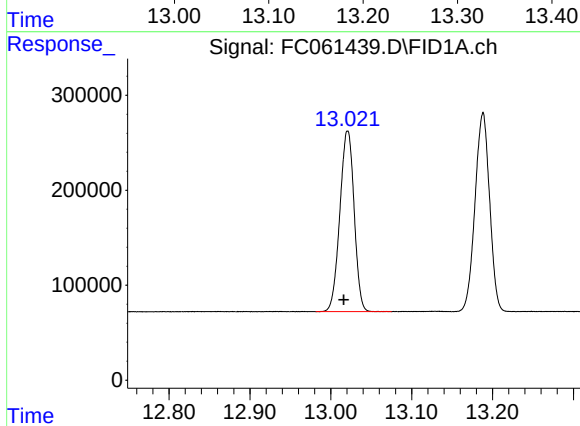
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 2662877
Conc: 17.13 ug/ml



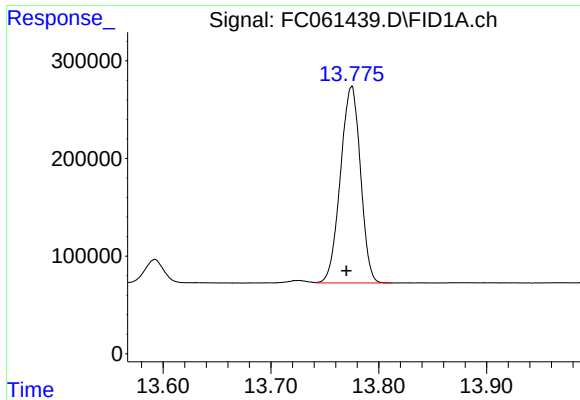
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: 0.004 min
Response: 2623771
Conc: 16.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: 0.005 min
Response: 2336339
Conc: 16.68 ug/ml



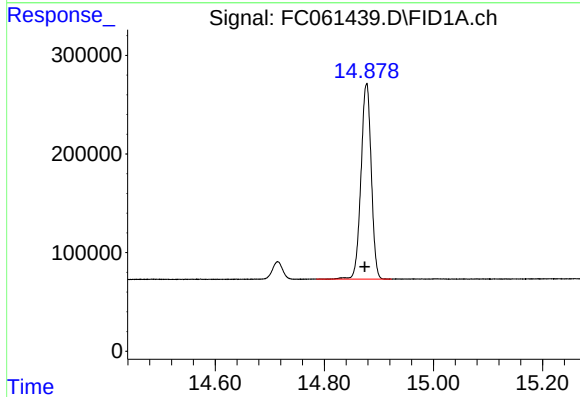
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 2599424
Conc: 16.75 ug/ml

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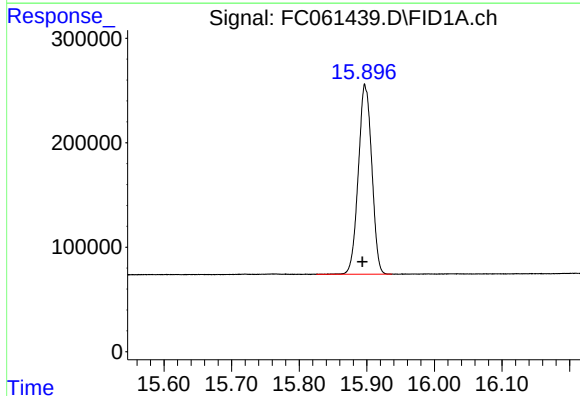
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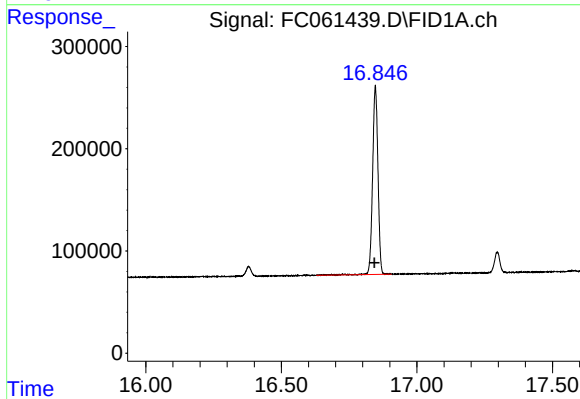
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.003 min
Response: 2588255
Conc: 16.73 ug/ml



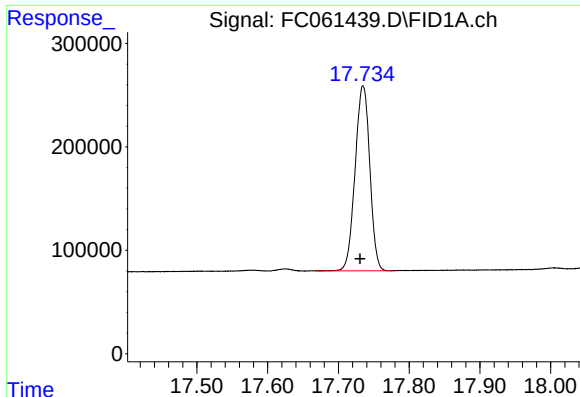
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.004 min
Response: 2506427
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: 0.003 min
Response: 2533162
Conc: 17.15 ug/ml



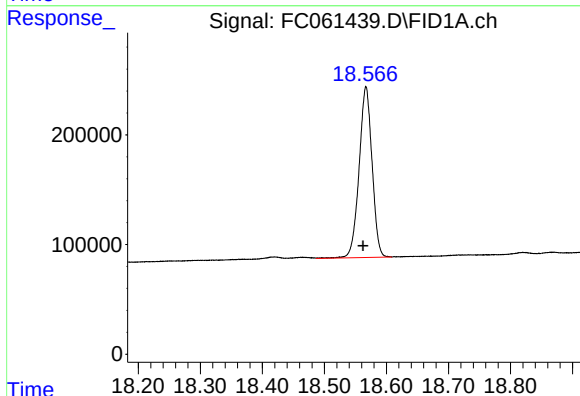
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: 0.004 min
Response: 2578537
Conc: 18.67 ug/ml

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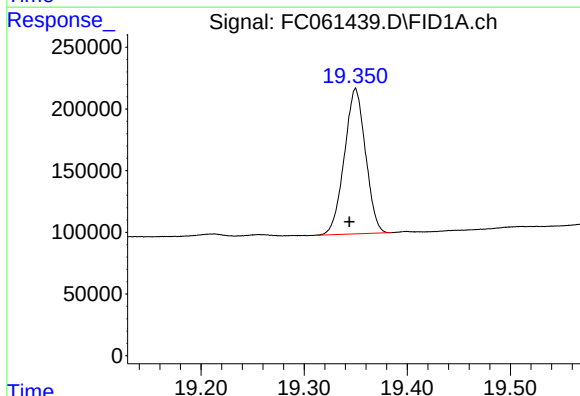
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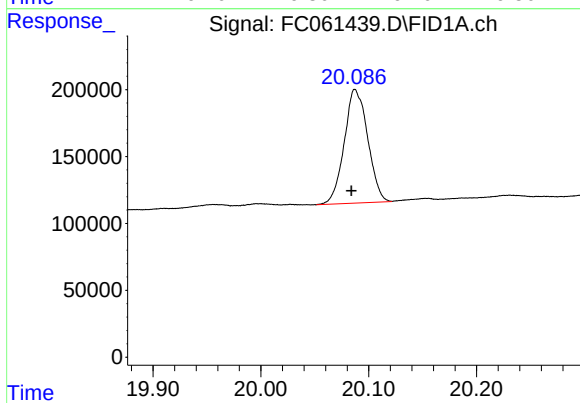
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: 0.005 min
Response: 2259320
Conc: 20.58 ug/ml



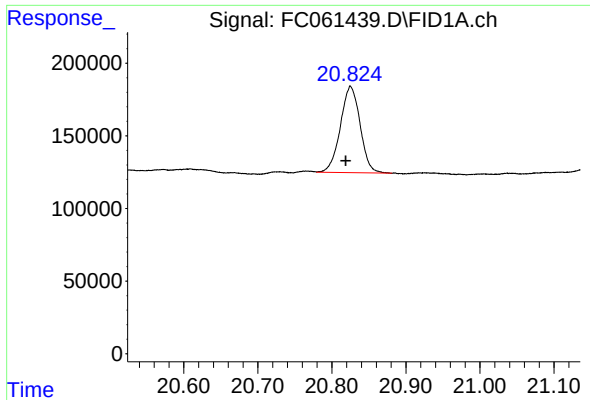
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: 0.006 min
Response: 1680356
Conc: 21.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.002 min
Response: 1285180
Conc: 22.76 ug/ml m



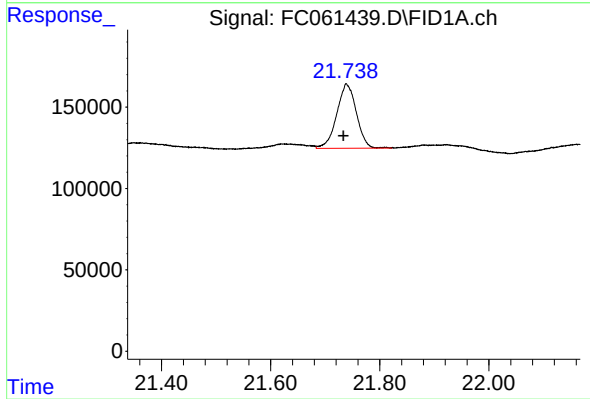
#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: 0.005 min
Response: 1097936
Conc: 23.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: 0.006 min
Response: 986350
Conc: 23.52 ug/ml