

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090622AL\
 Data File : FC061443.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2022 15:55
 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 02:12:19 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	2977877	16.821 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
12) S 1-chlorooctadecane (S...	13.020	2350562	16.784 ug/ml
Spiked Amount 50.000		Recovery =	33.57%
Target Compounds			
1) T n-Nonane (C9)	3.332	2685520	17.763 ug/ml
2) T n-Decane (C10)	4.403	2770474	18.258 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3131035	18.088 ug/ml
4) T n-Dodecane (C12)	6.423	2791341	18.023 ug/ml
5) T A~2-methylnaphthalene...	7.048	3148218	17.879 ug/ml
6) T n-Tetradecane (C14)	8.222	2784415	17.801 ug/ml
7) T n-Hexadecane (C16)	9.823	2764669	17.651 ug/ml
8) T n-Octadecane (C18)	11.266	2761906	17.506 ug/ml
10) T n-Eicosane (C20)	12.575	2668309	17.164 ug/ml
11) T n-Heneicosane (C21)	13.188	2628468	16.804 ug/ml
13) T n-Docosane (C22)	13.774	2610835	16.825 ug/ml
14) T n-Tetracosane (C24)	14.877	2608598	16.862 ug/ml
15) T n-Hexacosane (C26)	15.897	2524629	16.775 ug/ml
16) T n-Octacosane (C28)	16.848	2537064	17.177 ug/ml
17) T n-Tricontane (C30)	17.734	2625597	19.010 ug/ml
18) T n-Dotriacontane (C32)	18.565	2299927	20.953 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1718789	22.268 ug/mlm
20) T n-Hexatriacontane (C36)	20.087	1303447	23.087 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1075746	23.188 ug/mlm
22) T n-Tetracontane (C40)	21.740	880359	20.989 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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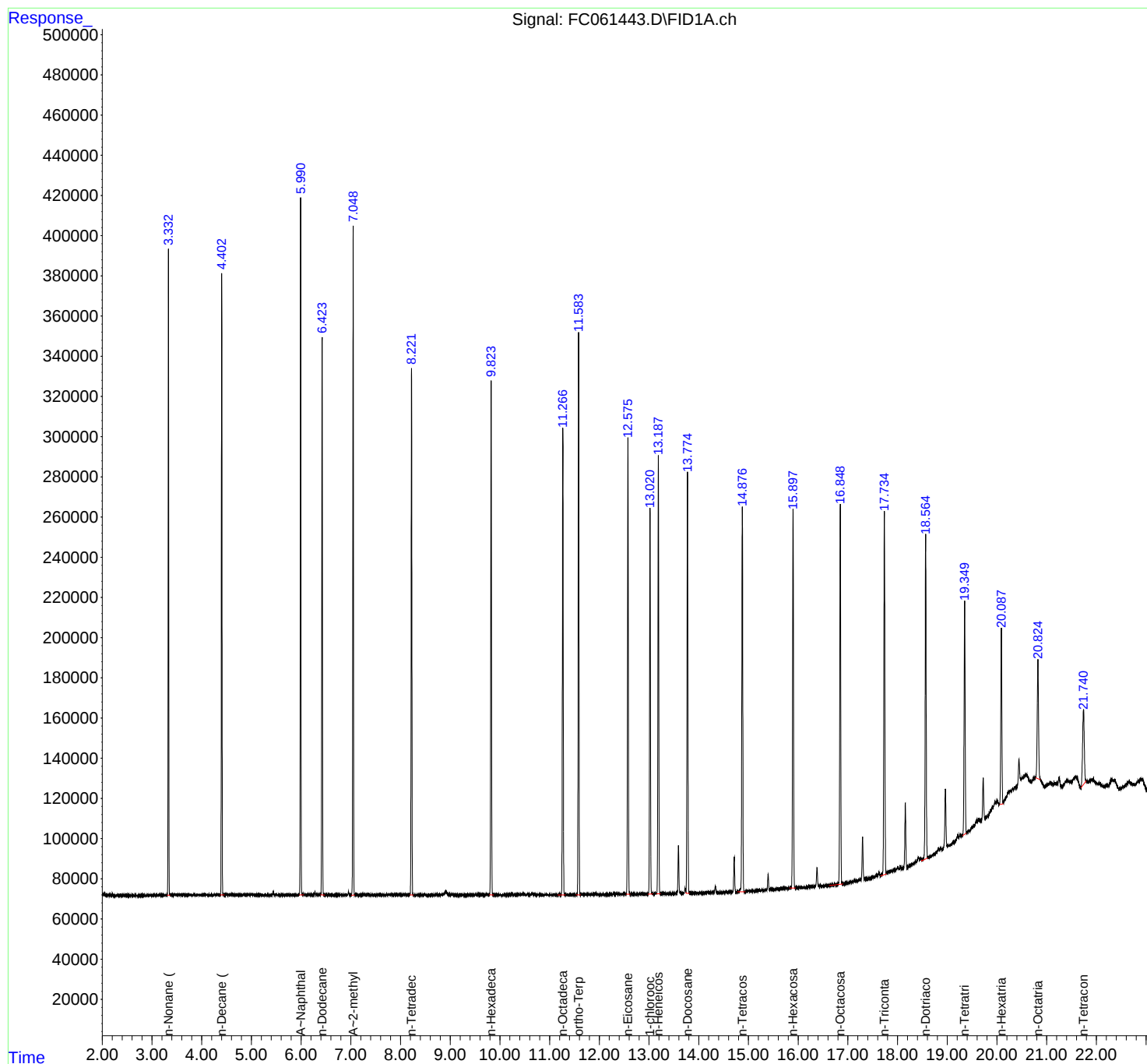
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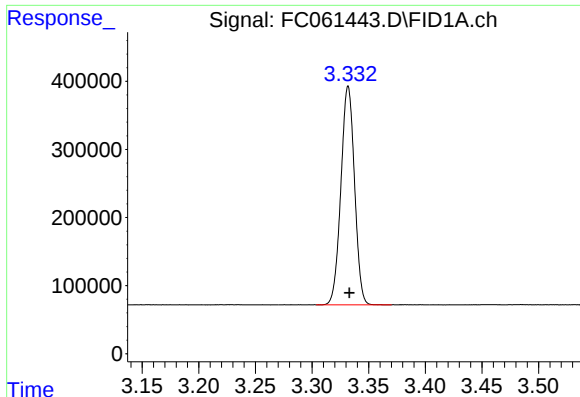
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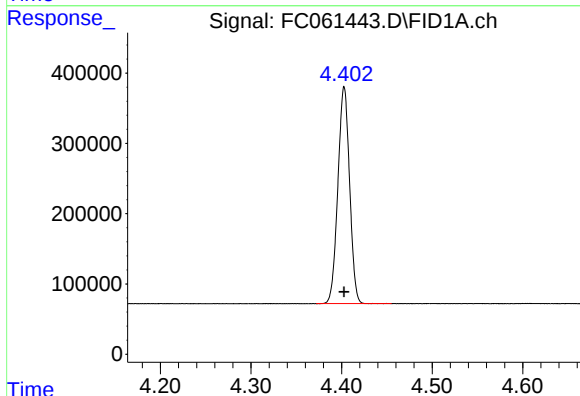
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 2685520
Conc: 17.76 ug/ml

Instrument :
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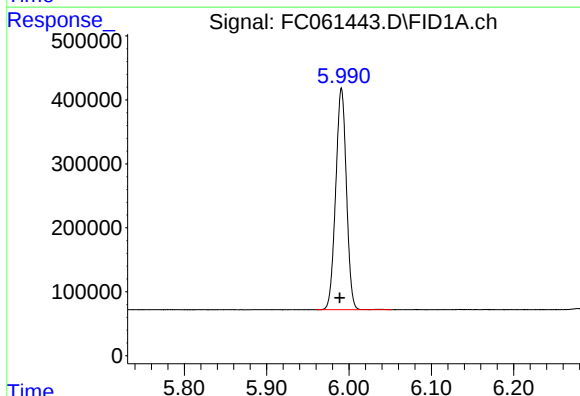
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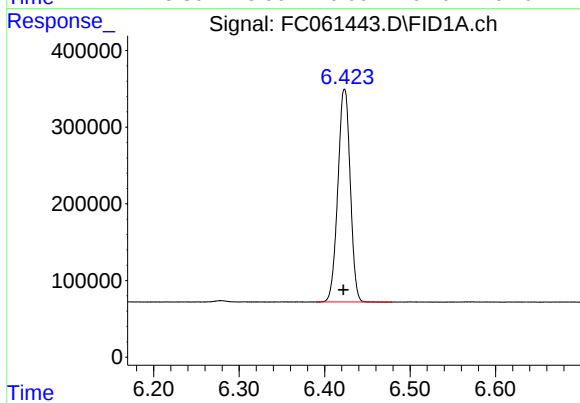
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 2770474
Conc: 18.26 ug/ml



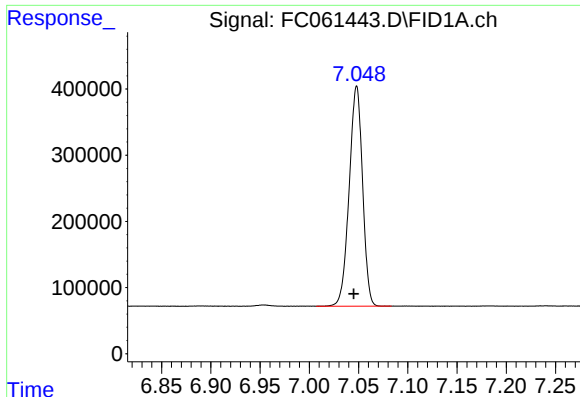
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 3131035
Conc: 18.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 2791341
Conc: 18.02 ug/ml



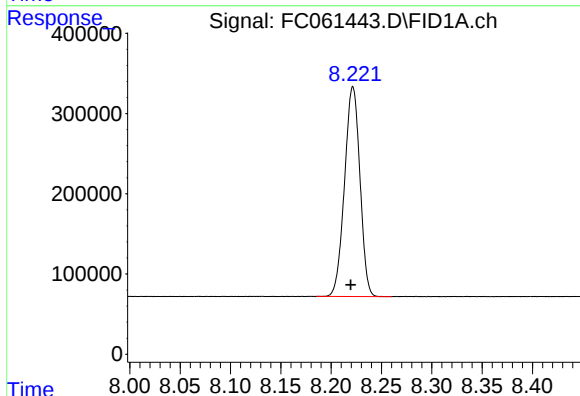
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: 0.003 min
Response: 3148218
Conc: 17.88 ug/ml

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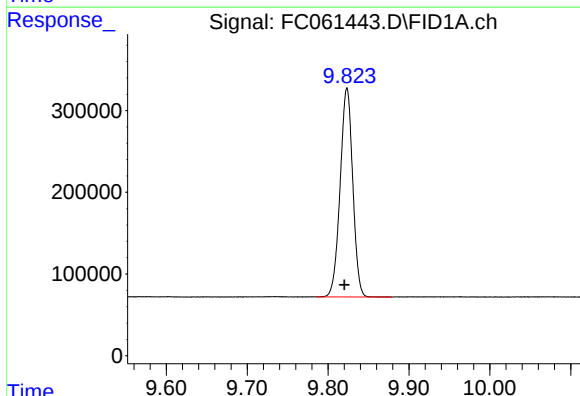
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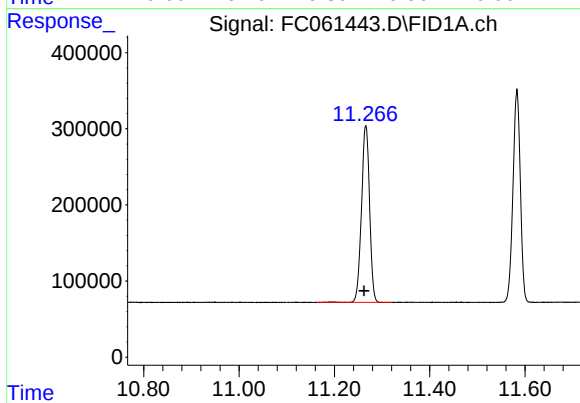
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.002 min
Response: 2784415
Conc: 17.80 ug/ml



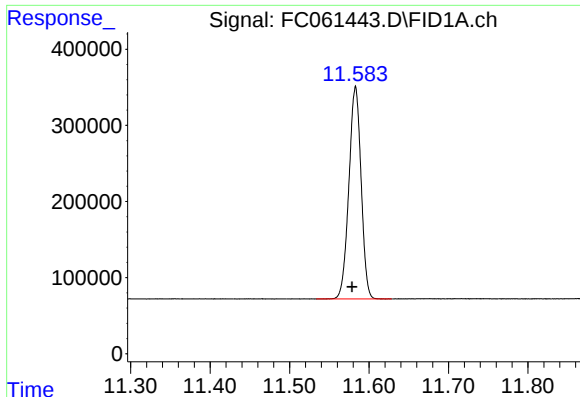
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.003 min
Response: 2764669
Conc: 17.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.004 min
Response: 2761906
Conc: 17.51 ug/ml



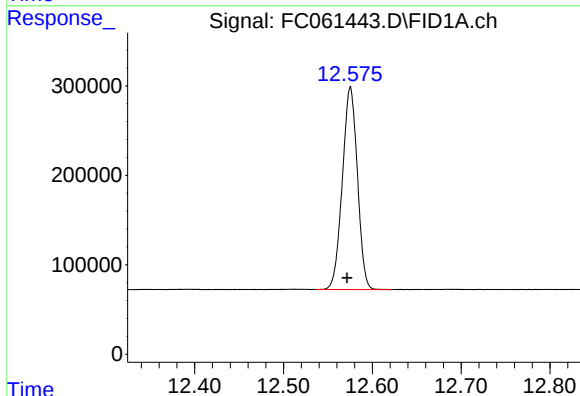
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: 0.004 min
Response: 2977877
Conc: 16.82 ug/ml

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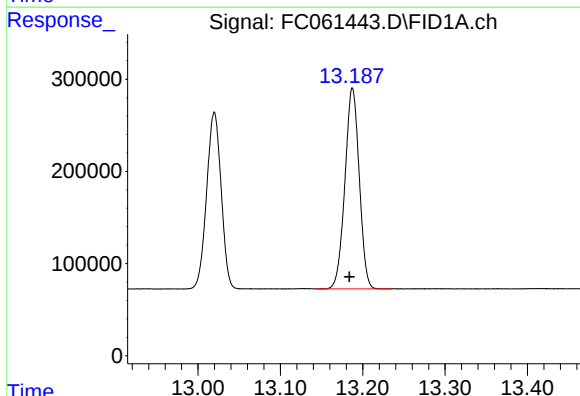
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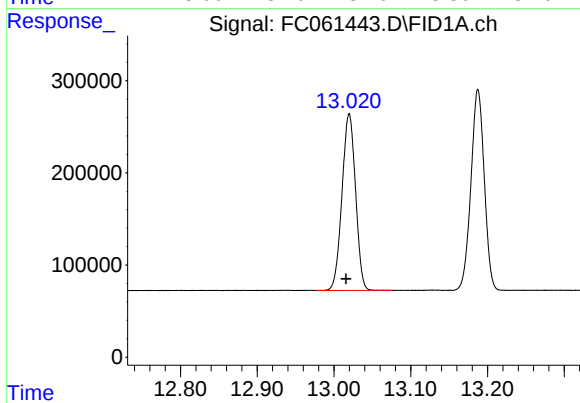
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: 0.004 min
Response: 2668309
Conc: 17.16 ug/ml



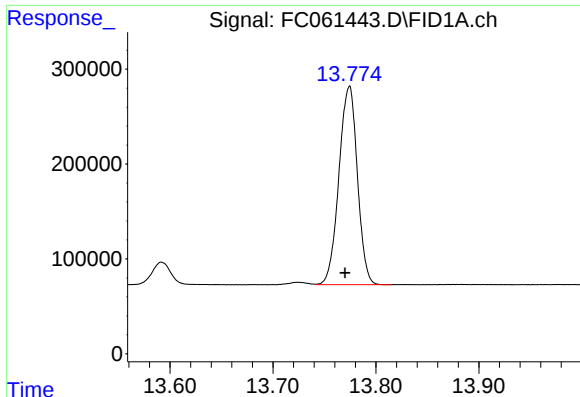
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: 0.004 min
Response: 2628468
Conc: 16.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: 0.004 min
Response: 2350562
Conc: 16.78 ug/ml



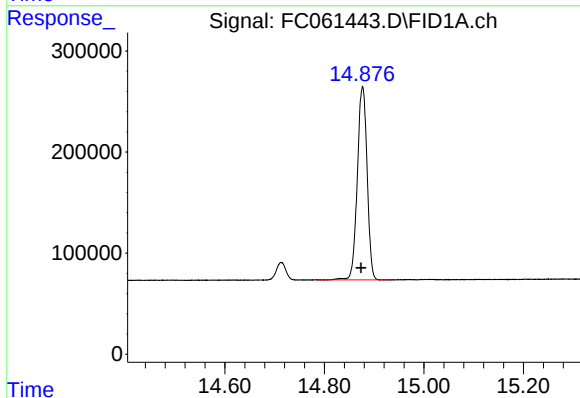
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: 0.004 min
Response: 2610835
Conc: 16.82 ug/ml

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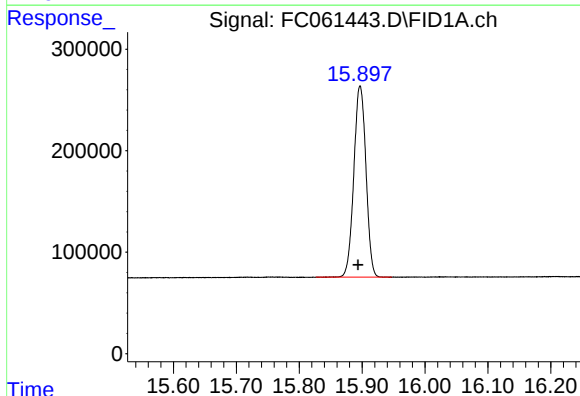
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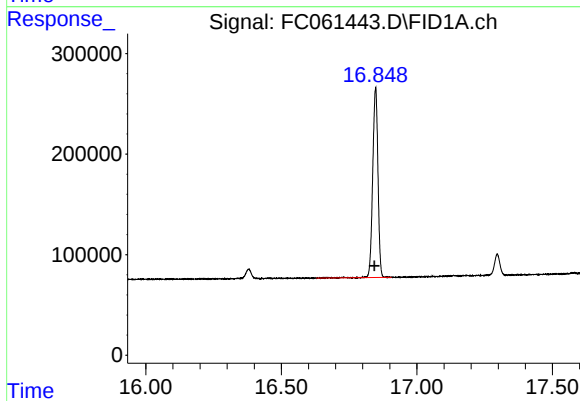
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.003 min
Response: 2608598
Conc: 16.86 ug/ml



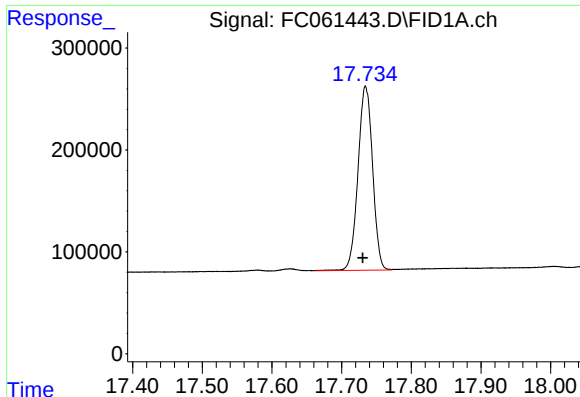
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.003 min
Response: 2524629
Conc: 16.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: 0.004 min
Response: 2537064
Conc: 17.18 ug/ml



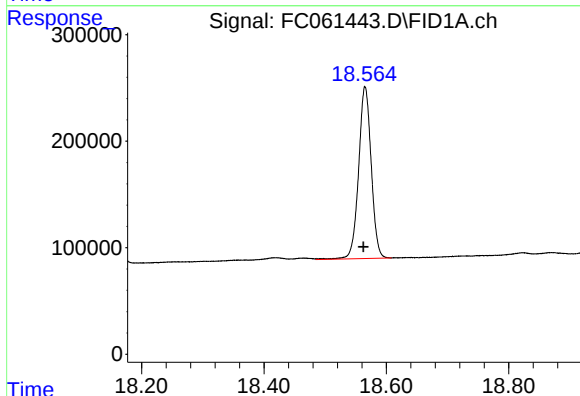
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.004 min
Response: 2625597
Conc: 19.01 ug/ml

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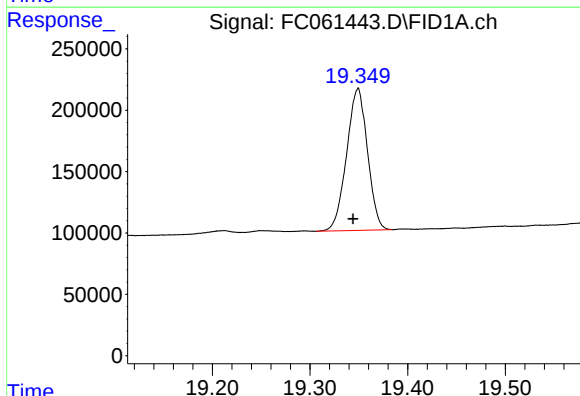
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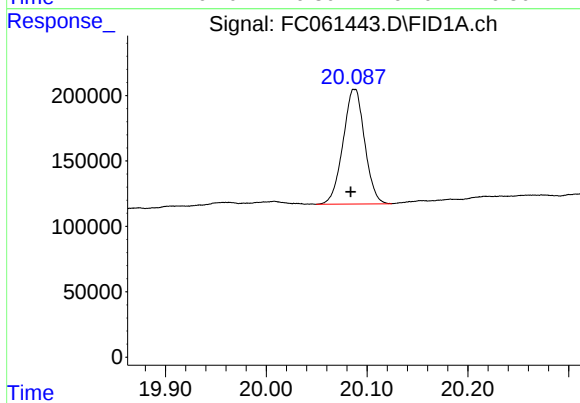
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.003 min
Response: 2299927
Conc: 20.95 ug/ml



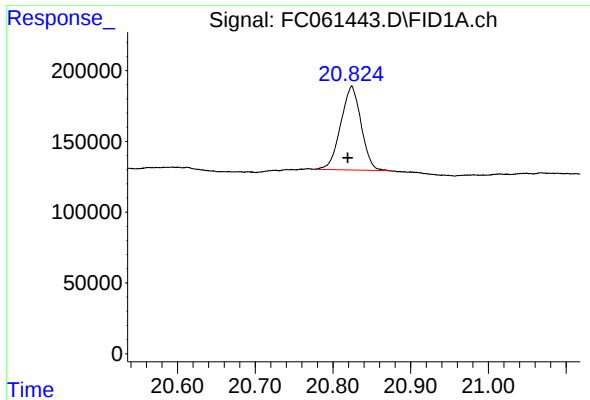
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.005 min
Response: 1718789
Conc: 22.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: 0.003 min
Response: 1303447
Conc: 23.09 ug/ml m



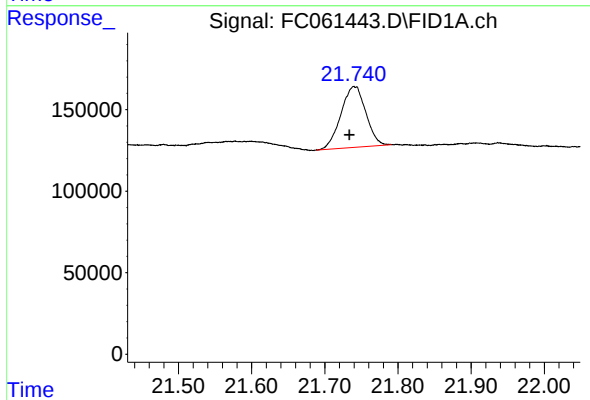
#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: 0.005 min
Response: 1075746
Conc: 23.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: 0.006 min
Response: 880359
Conc: 20.99 ug/ml m