

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061589.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2022 10:39
 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 09/22/2022
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e
 Quant Time: Sep 21 11:12:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.571	3225110	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.010	2570270	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.328	2806079	18.799 ug/ml
2) T n-Decane (C10)	4.395	2831466	18.771 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3109592	18.751 ug/ml
4) T n-Dodecane (C12)	6.412	2850402	18.745 ug/ml
5) T A~2-methylnaphthalene...	7.035	3081792	18.735 ug/ml
6) T n-Tetradecane (C14)	8.210	2858283	18.748 ug/ml
7) T n-Hexadecane (C16)	9.813	2905338	18.789 ug/ml
8) T n-Octadecane (C18)	11.256	2960761	18.781 ug/ml
10) T n-Eicosane (C20)	12.565	2996151	18.802 ug/ml
11) T n-Heneicosane (C21)	13.177	3013482	18.783 ug/ml
13) T n-Docosane (C22)	13.763	3023334	18.818 ug/ml
14) T n-Tetracosane (C24)	14.867	3014051	18.815 ug/ml
15) T n-Hexacosane (C26)	15.888	2980395	18.800 ug/ml
16) T n-Octacosane (C28)	16.837	2916679	18.818 ug/ml
17) T n-Tricontane (C30)	17.724	2951581	19.180 ug/ml
18) T n-Dotriacontane (C32)	18.556	3019698	19.971 ug/ml
19) T n-Tetratriacontane (C34)	19.340	2822347	19.905 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2619441	18.974 ug/ml
21) T n-Octatriacontane (C38)	20.811	2481711	19.163 ug/mlm
22) T n-Tetracontane (C40)	21.723	2092274	17.121 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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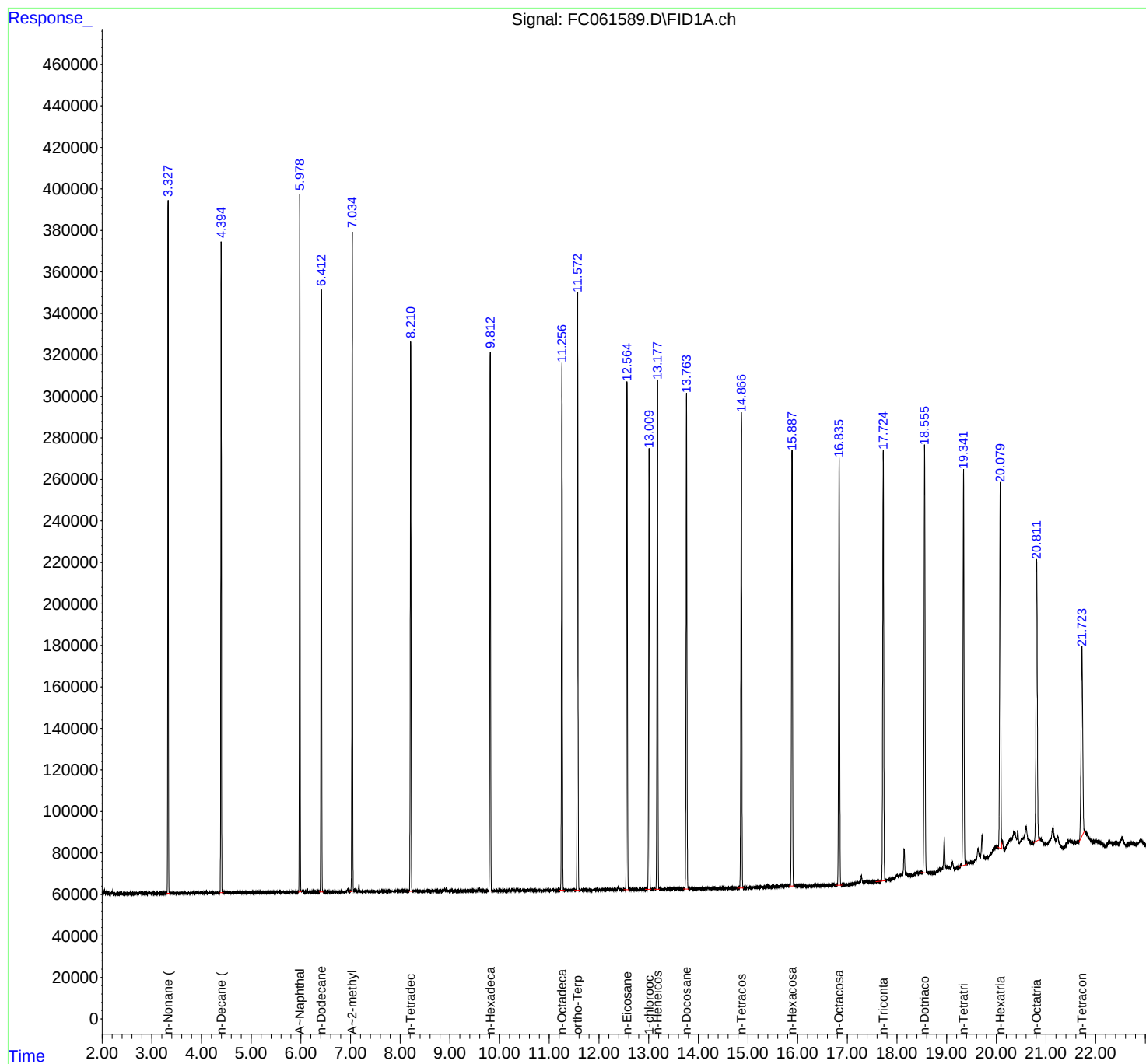
Instrument :
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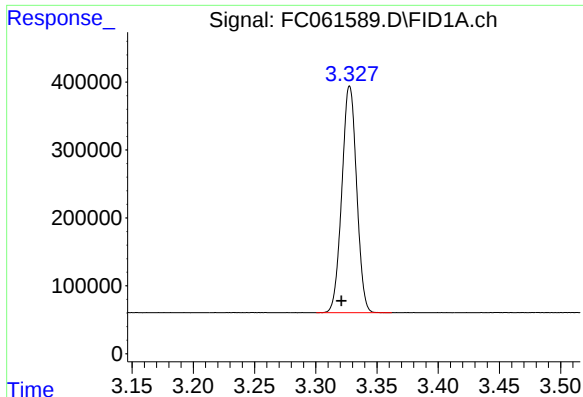
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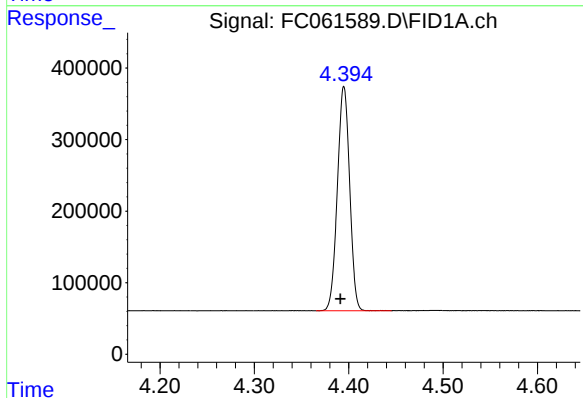
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.007 min
Response: 2806079
Conc: 18.80 ug/ml

Instrument :
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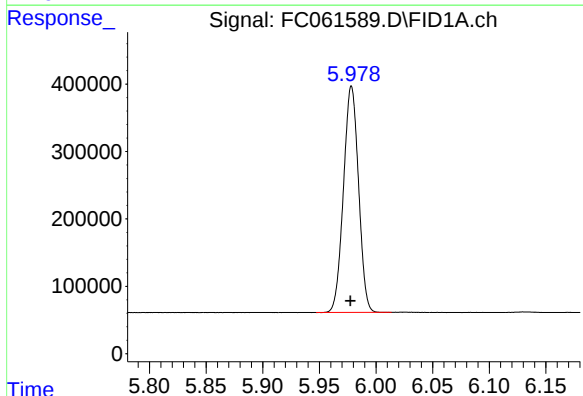
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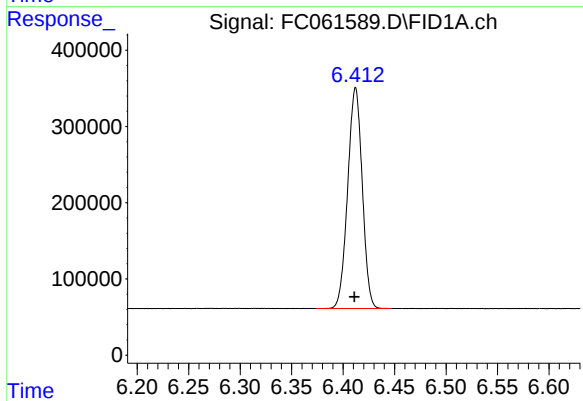
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.004 min
Response: 2831466
Conc: 18.77 ug/ml



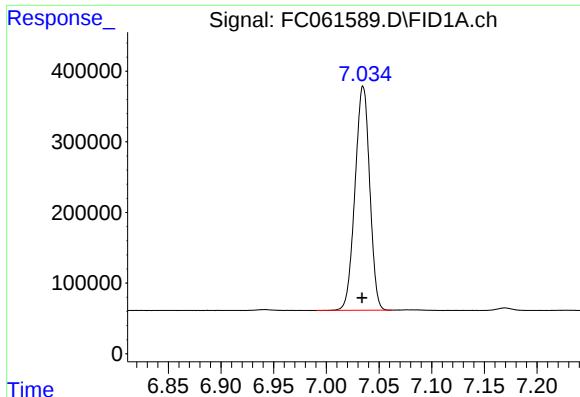
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 3109592
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 2850402
Conc: 18.75 ug/ml



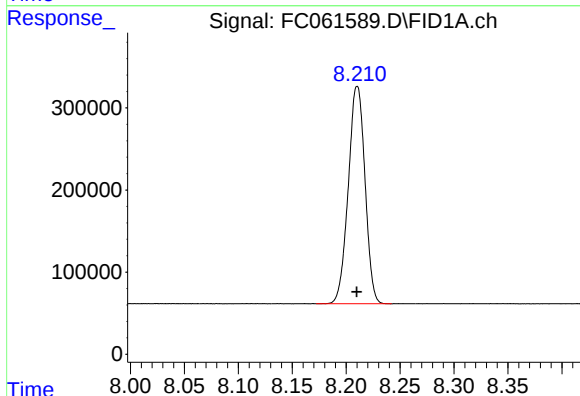
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 3081792
Conc: 18.73 ug/ml

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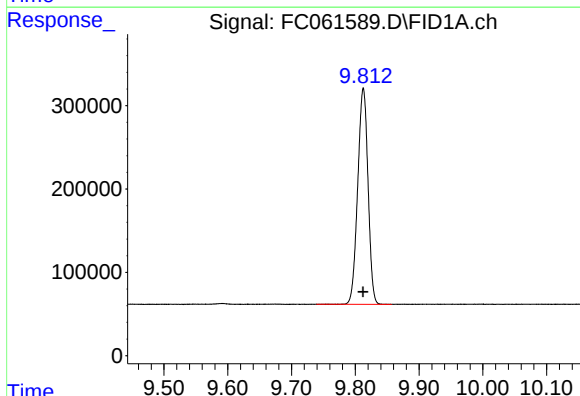
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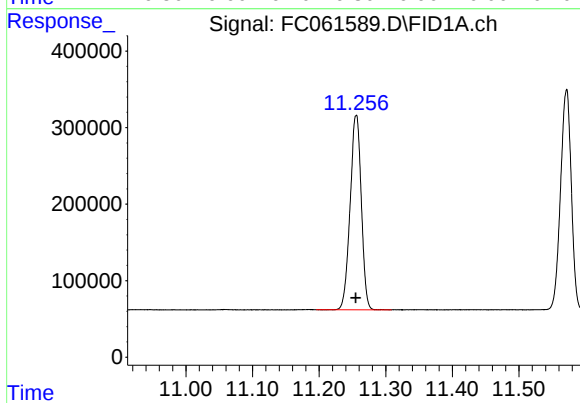
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2858283
Conc: 18.75 ug/ml



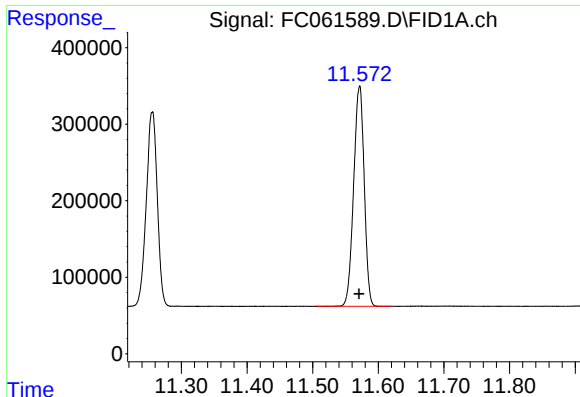
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: 0.000 min
Response: 2905338
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 2960761
Conc: 18.78 ug/ml



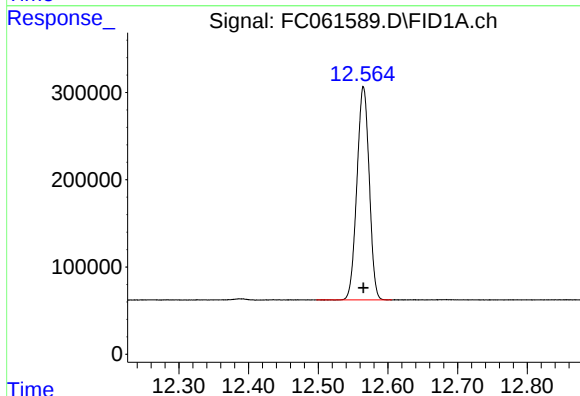
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3225110
Conc: 18.87 ug/ml

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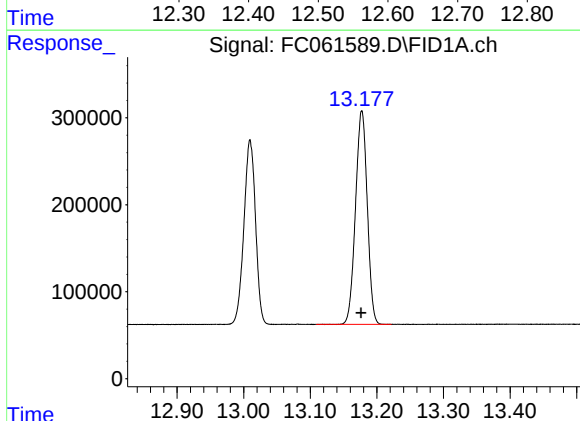
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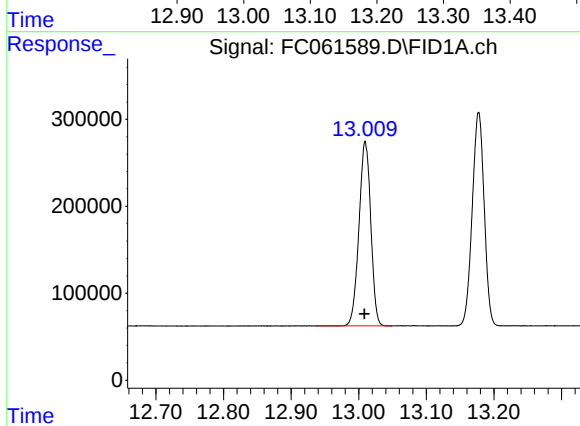
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 2996151
Conc: 18.80 ug/ml



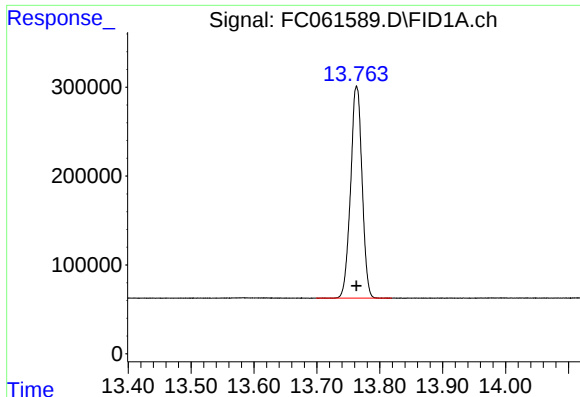
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.000 min
Response: 3013482
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: 0.001 min
Response: 2570270
Conc: 18.81 ug/ml



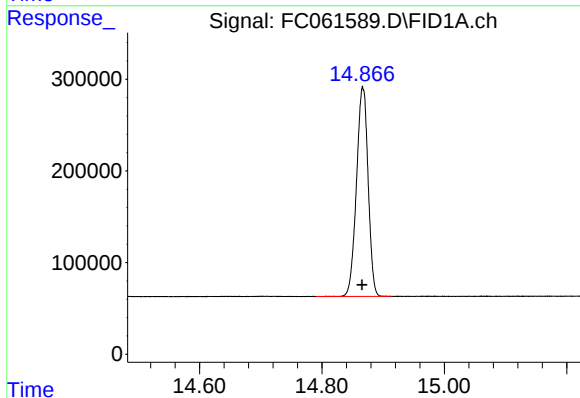
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: 0.000 min
Response: 3023334
Conc: 18.82 ug/ml

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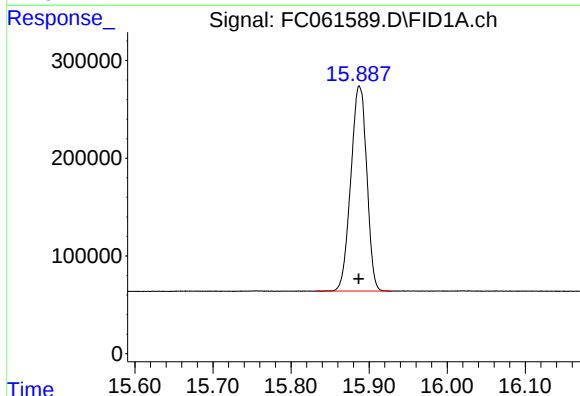
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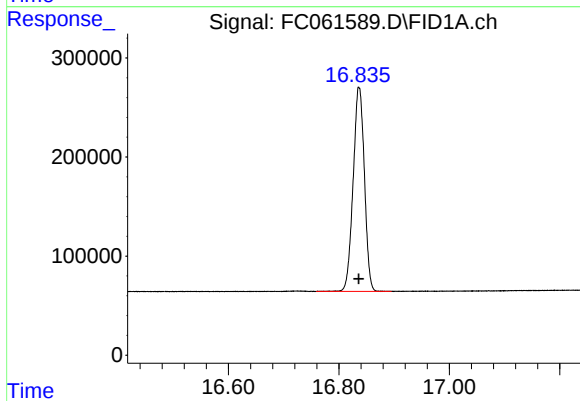
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.001 min
Response: 3014051
Conc: 18.82 ug/ml



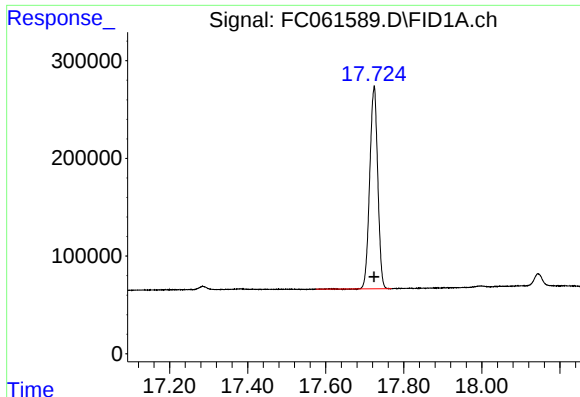
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2980395
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2916679
Conc: 18.82 ug/ml



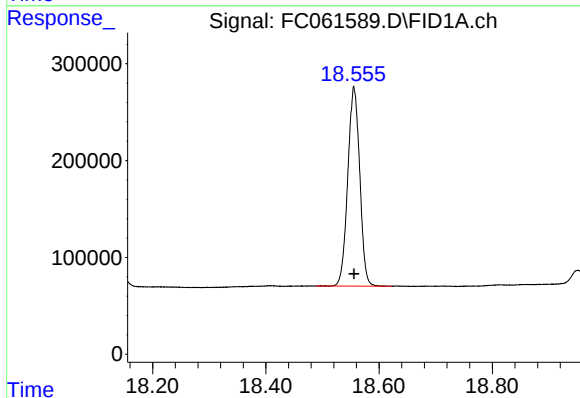
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 2951581
Conc: 19.18 ug/ml

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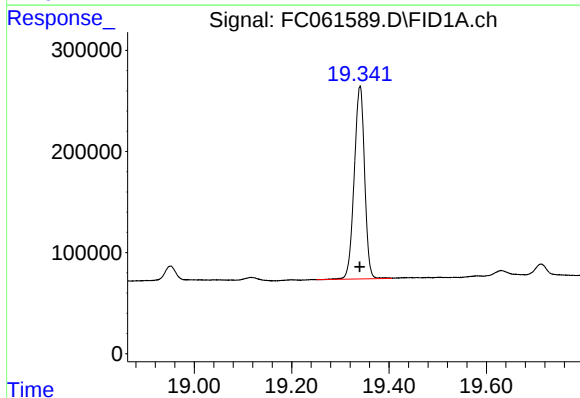
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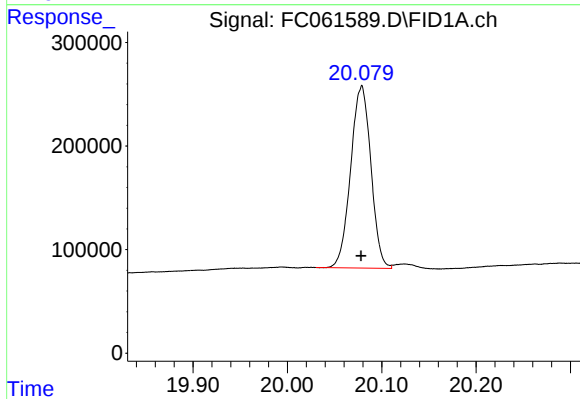
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 3019698
Conc: 19.97 ug/ml



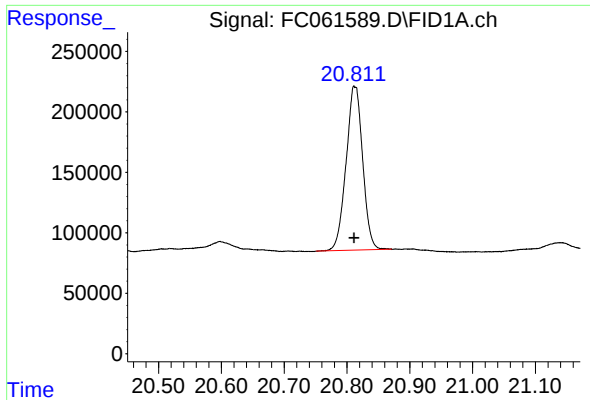
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.000 min
Response: 2822347
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: 0.000 min
Response: 2619441
Conc: 18.97 ug/ml



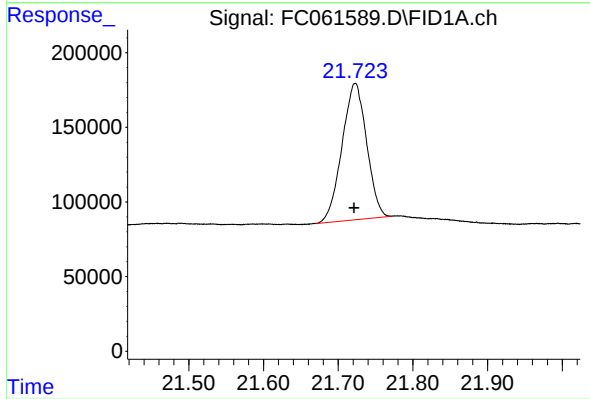
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.000 min
Response: 2481711
Conc: 19.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: 0.002 min
Response: 2092274
Conc: 17.12 ug/ml m