

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061583.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2022 05:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: autoint1.e
 Quant Time: Sep 21 07:01:26 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	3241502	18.968 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.009	2592037	18.974 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.329	2840848	19.032 ug/ml
2) T n-Decane (C10)	4.396	2865623	18.997 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3146060	18.971 ug/ml
4) T n-Dodecane (C12)	6.413	2885099	18.973 ug/ml
5) T A~2-methylnaphthalene...	7.035	3114135	18.931 ug/ml
6) T n-Tetradecane (C14)	8.210	2887510	18.940 ug/ml
7) T n-Hexadecane (C16)	9.812	2931142	18.956 ug/ml
8) T n-Octadecane (C18)	11.255	2986424	18.944 ug/ml
10) T n-Eicosane (C20)	12.565	3024582	18.980 ug/ml
11) T n-Heneicosane (C21)	13.177	3040556	18.952 ug/ml
13) T n-Docosane (C22)	13.764	3047613	18.969 ug/ml
14) T n-Tetracosane (C24)	14.867	3044148	19.003 ug/ml
15) T n-Hexacosane (C26)	15.887	3019515	19.047 ug/ml
16) T n-Octacosane (C28)	16.836	2988102	19.278 ug/ml
17) T n-Tricontane (C30)	17.724	3039724	19.753 ug/ml
18) T n-Dotriacontane (C32)	18.556	2961036	19.583 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2718718	19.174 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2610516	18.909 ug/ml
21) T n-Octatriacontane (C38)	20.811	2470387	19.076 ug/ml
22) T n-Tetracontane (C40)	21.722	2433367	19.912 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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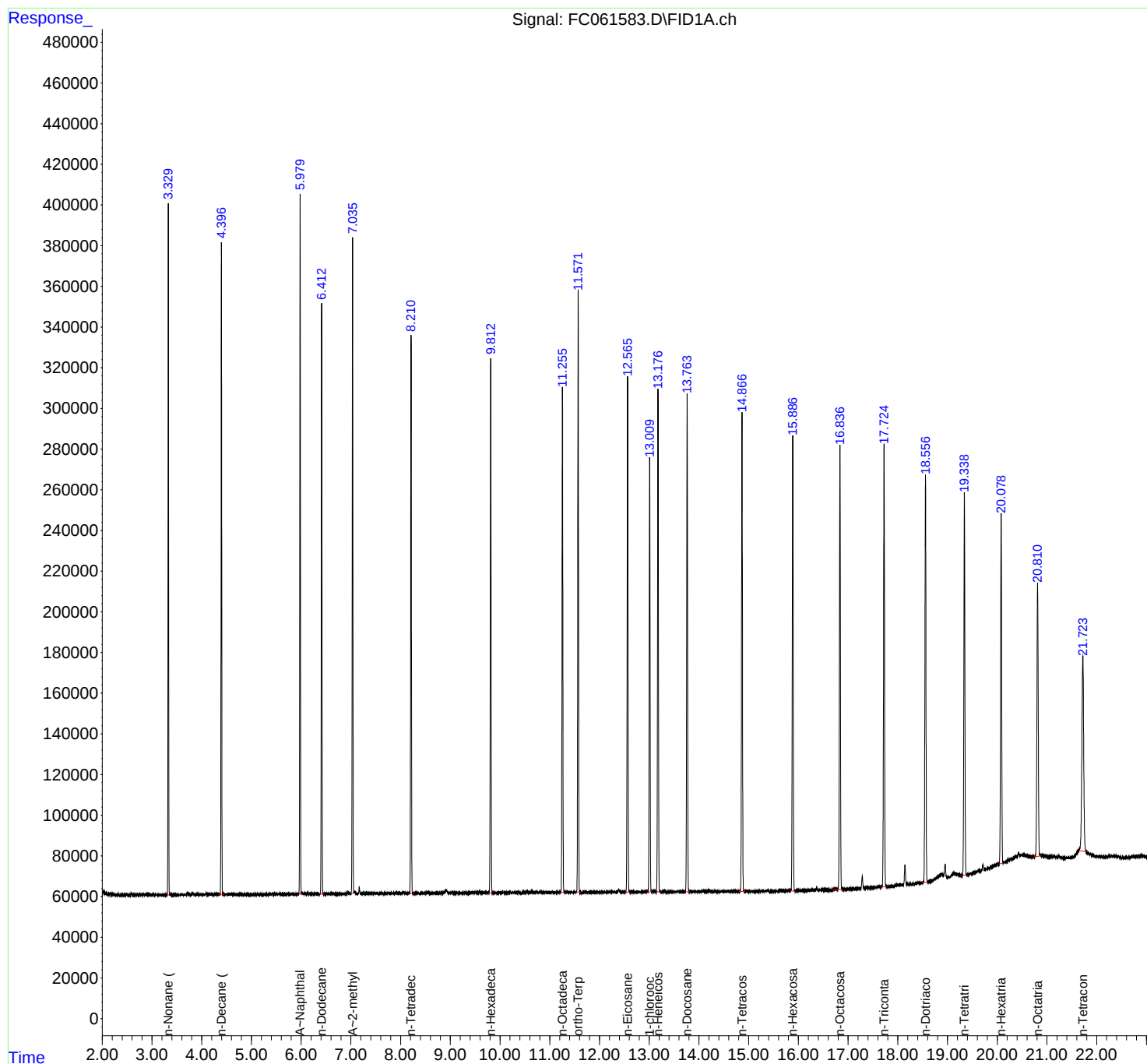
Instrument :
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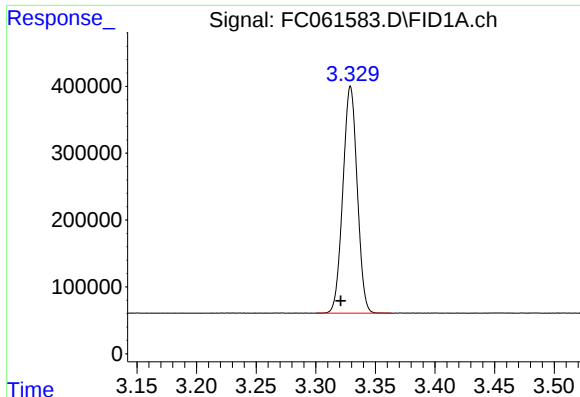
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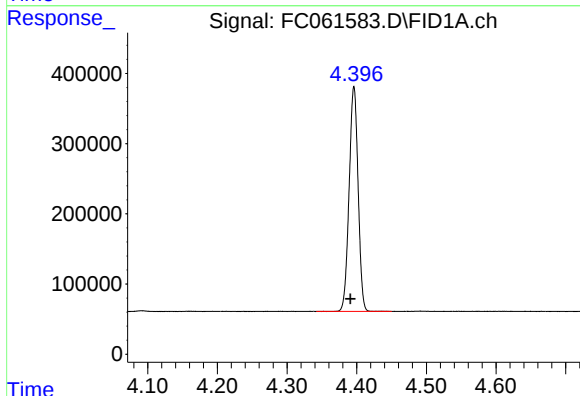
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.008 min
Response: 2840848
Conc: 19.03 ug/ml

Instrument :
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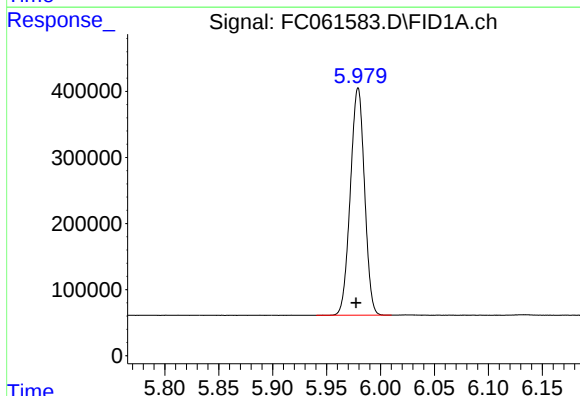
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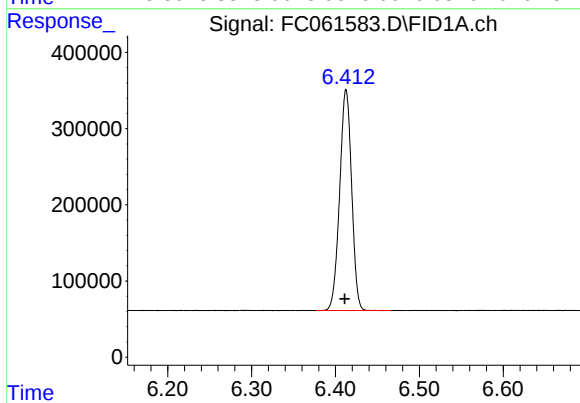
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.005 min
Response: 2865623
Conc: 19.00 ug/ml



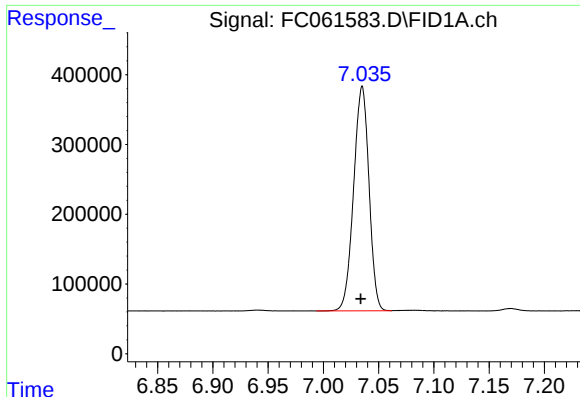
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: 0.002 min
Response: 3146060
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: 0.002 min
Response: 2885099
Conc: 18.97 ug/ml



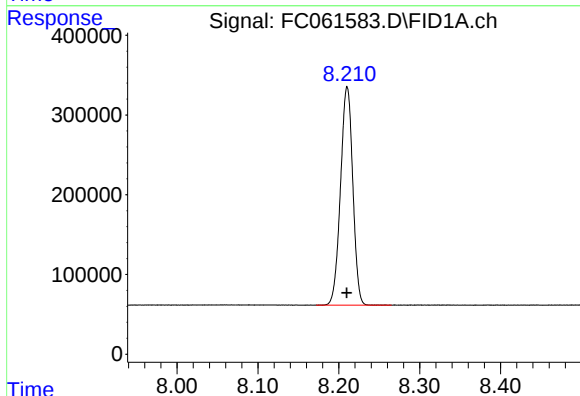
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: 0.001 min
Response: 3114135
Conc: 18.93 ug/ml

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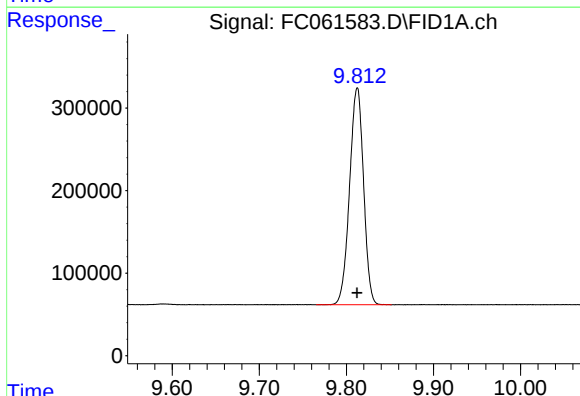
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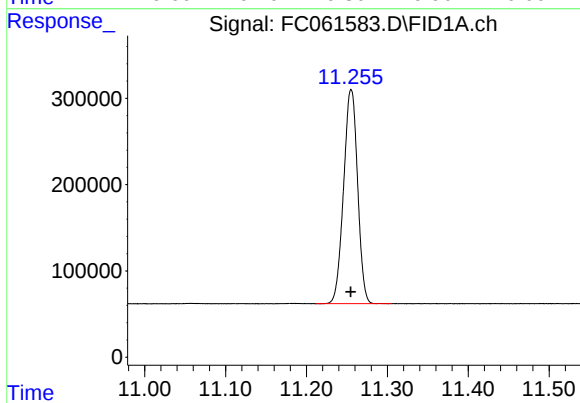
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2887510
Conc: 18.94 ug/ml



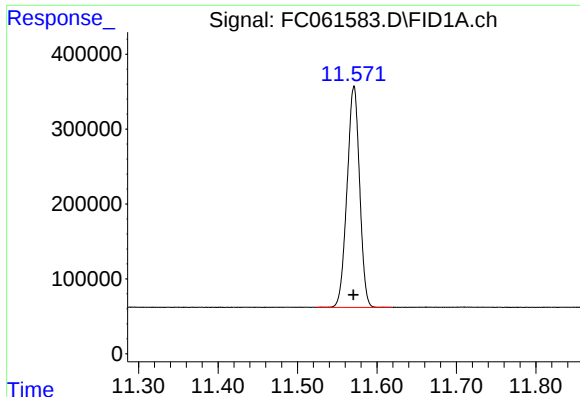
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 2931142
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 2986424
Conc: 18.94 ug/ml



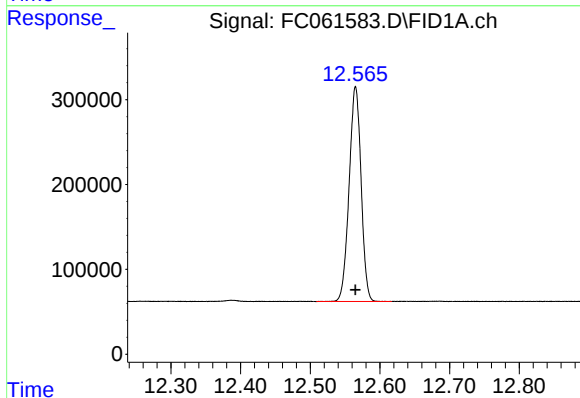
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3241502
Conc: 18.97 ug/ml

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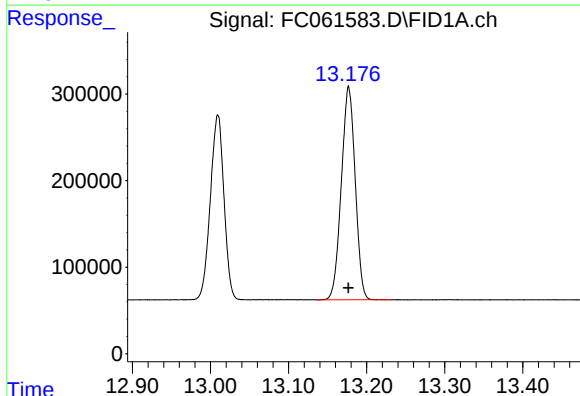
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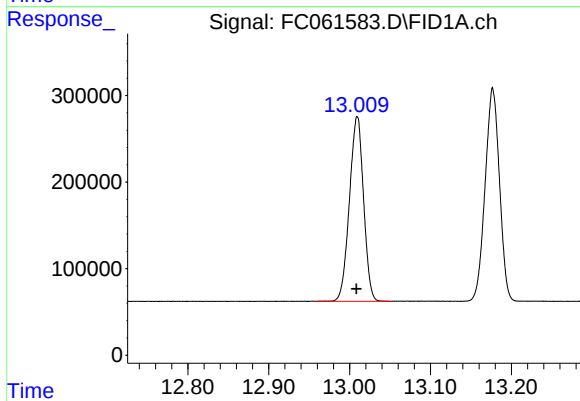
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3024582
Conc: 18.98 ug/ml



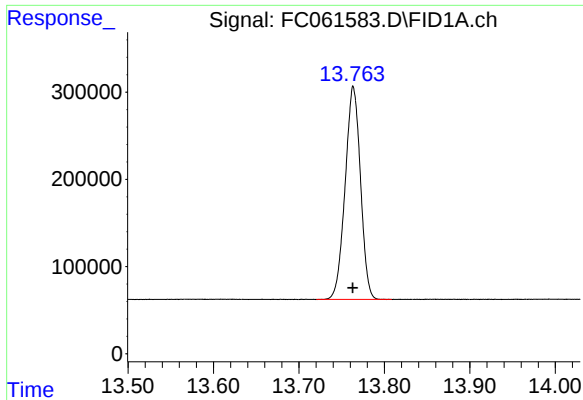
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.000 min
Response: 3040556
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 2592037
Conc: 18.97 ug/ml



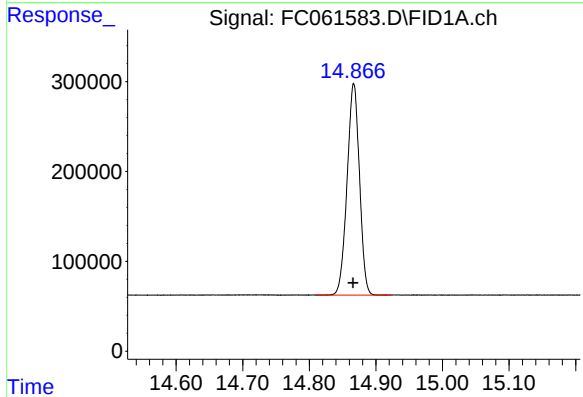
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 3047613
Conc: 18.97 ug/ml

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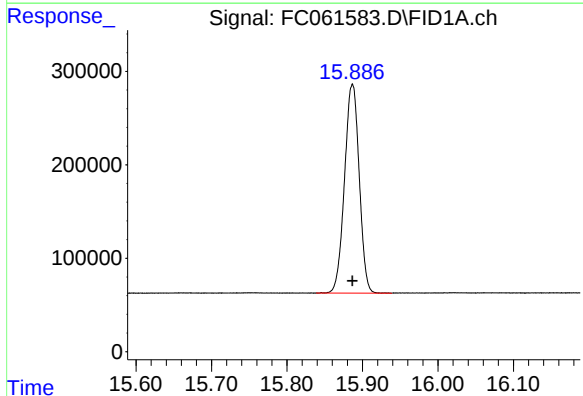
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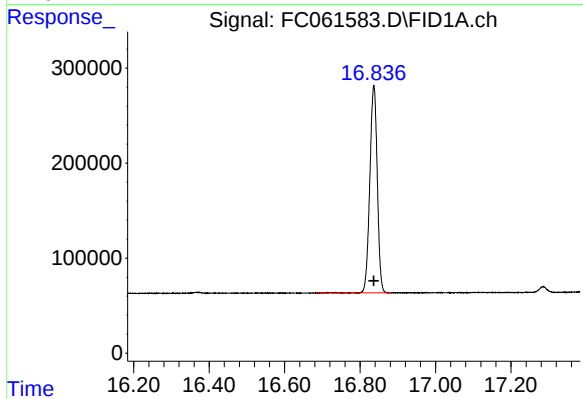
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 3044148
Conc: 19.00 ug/ml



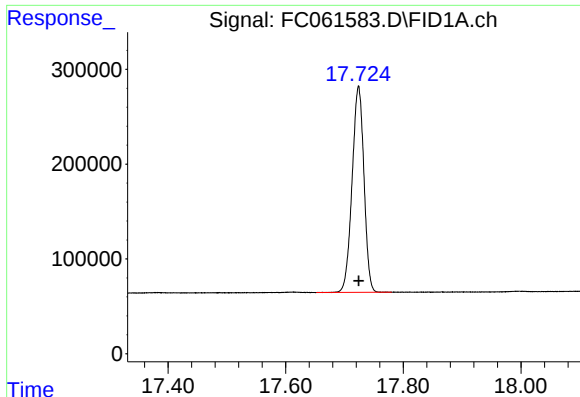
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 3019515
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 2988102
Conc: 19.28 ug/ml



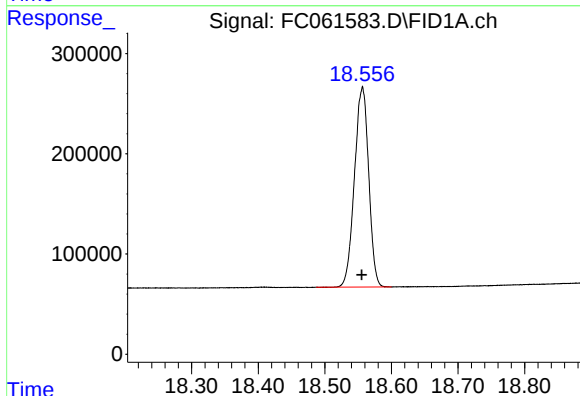
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 3039724
Conc: 19.75 ug/ml

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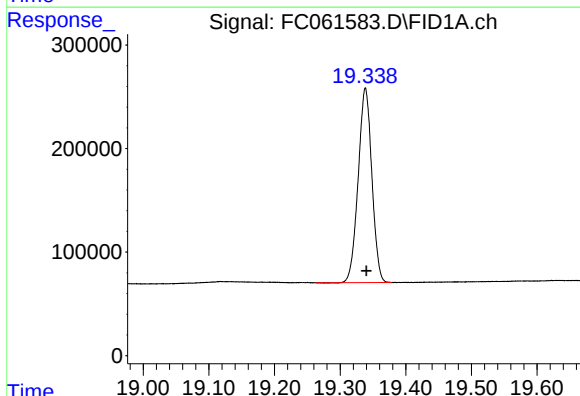
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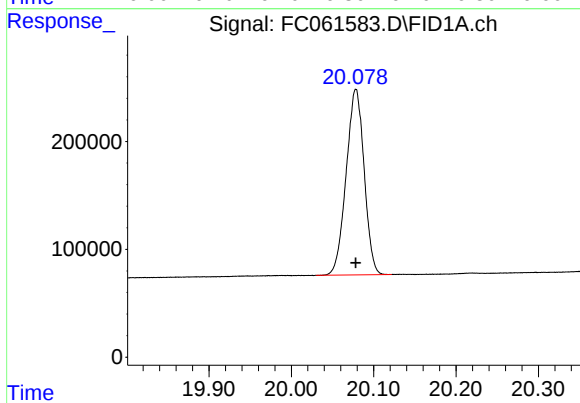
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2961036
Conc: 19.58 ug/ml



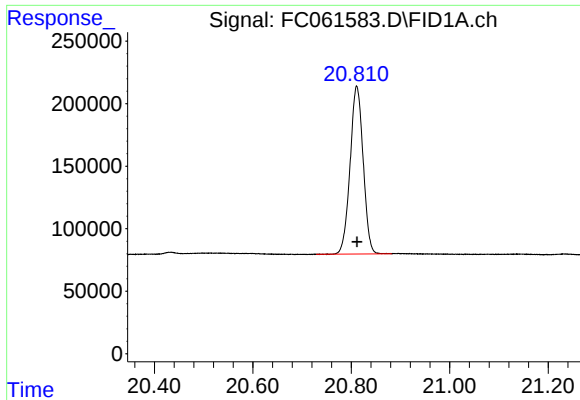
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.001 min
Response: 2718718
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: 0.000 min
Response: 2610516
Conc: 18.91 ug/ml



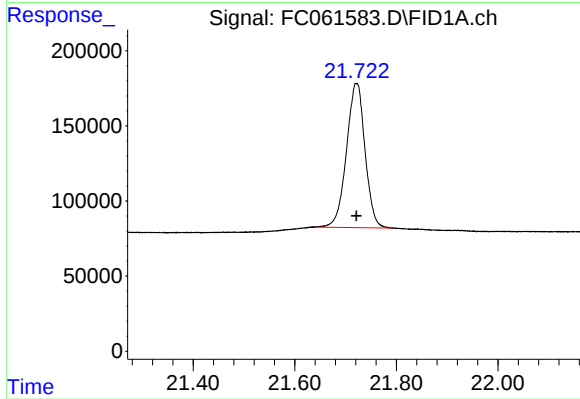
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.000 min
Response: 2470387
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: 0.001 min
Response: 2433367
Conc: 19.91 ug/ml m