

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091322AL\
 Data File : FC061488.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2022 19:12
 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 09/14/2022
 Supervised By :Ankita Jodhani 09/14/2022

Integration File: sample.E
 Quant Time: Sep 14 06:49:04 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)	11.572	3262724	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	13.010	2575773	18.392 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T n-Nonane (C9)	3.324	3102339	20.520 ug/ml
2) T n-Decane (C10)	4.394	3110979	20.502 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3484818	20.132 ug/ml
4) T n-Dodecane (C12)	6.413	3131479	20.220 ug/ml
5) T A~2-methylnaphthalene...	7.035	3503132	19.895 ug/ml
6) T n-Tetradecane (C14)	8.211	3109878	19.882 ug/ml
7) T n-Hexadecane (C16)	9.814	3072030	19.613 ug/ml
8) T n-Octadecane (C18)	11.257	3041570	19.279 ug/ml
10) T n-Eicosane (C20)	12.566	2918218	18.772 ug/ml
11) T n-Heneicosane (C21)	13.178	2889029	18.470 ug/ml
13) T n-Docosane (C22)	13.765	2827619	18.222 ug/ml
14) T n-Tetracosane (C24)	14.867	2736795	17.691 ug/ml
15) T n-Hexacosane (C26)	15.888	2622363	17.424 ug/ml
16) T n-Octacosane (C28)	16.837	2551523	17.274 ug/ml
17) T n-Tricontane (C30)	17.724	2419707	17.519 ug/ml
18) T n-Dotriacontane (C32)	18.555	1988123	18.113 ug/ml
19) T n-Tetratriacontane (C34)	19.338	1462417	18.946 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1138039	20.157 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1015321	21.886 ug/ml
22) T n-Tetracontane (C40)	21.719	998970	23.817 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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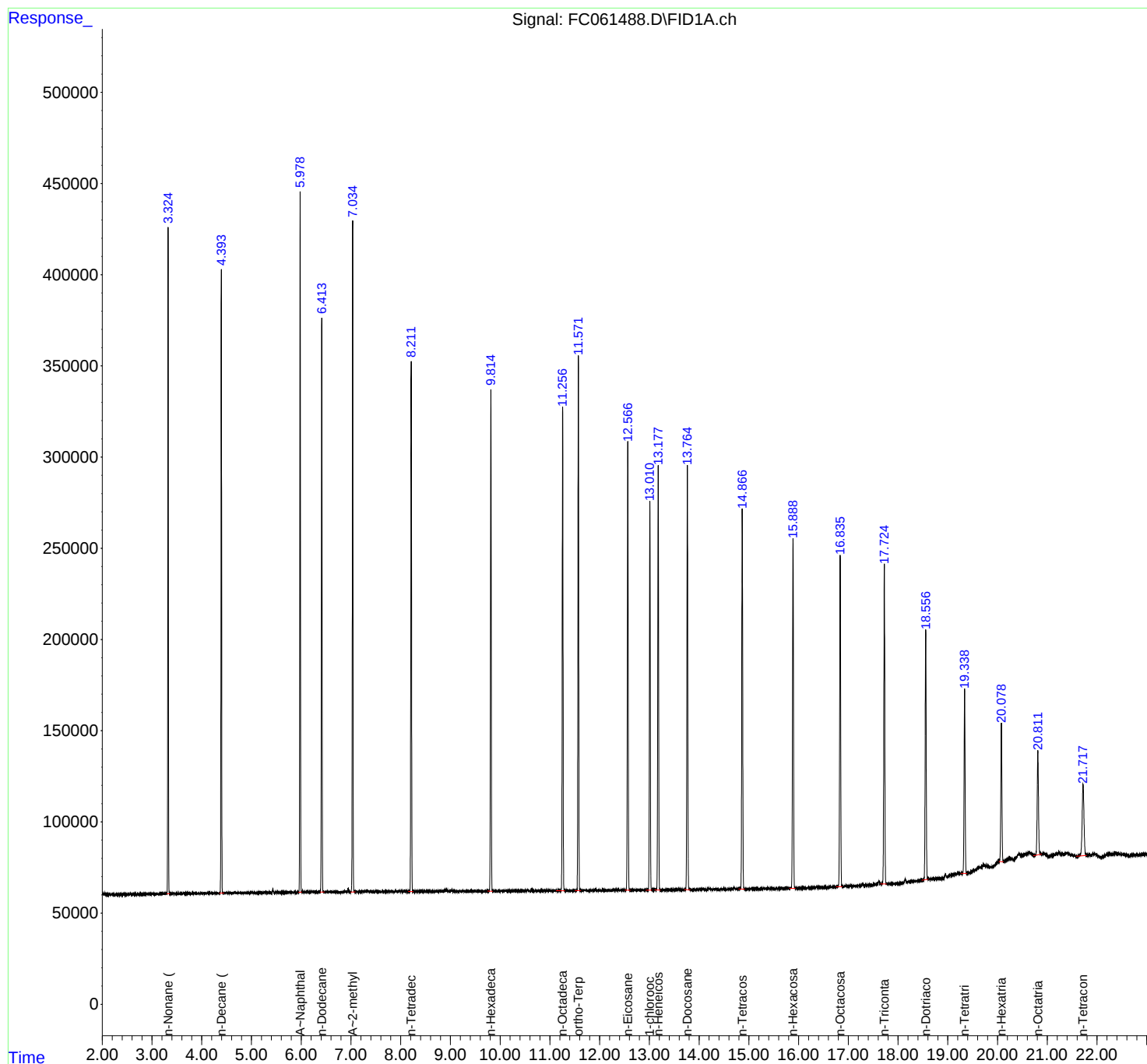
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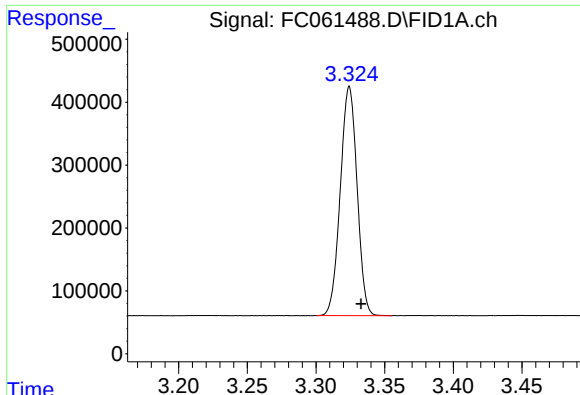
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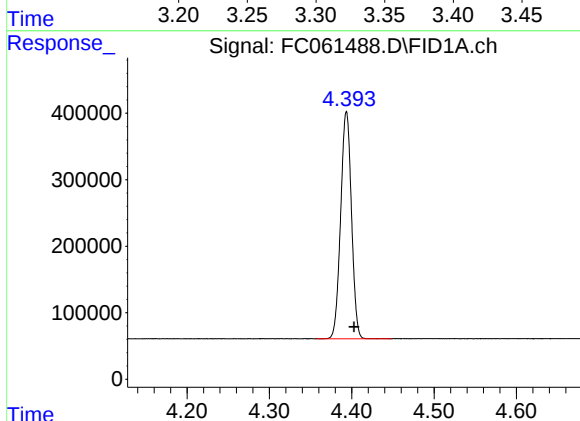
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.009 min
Response: 3102339
Conc: 20.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

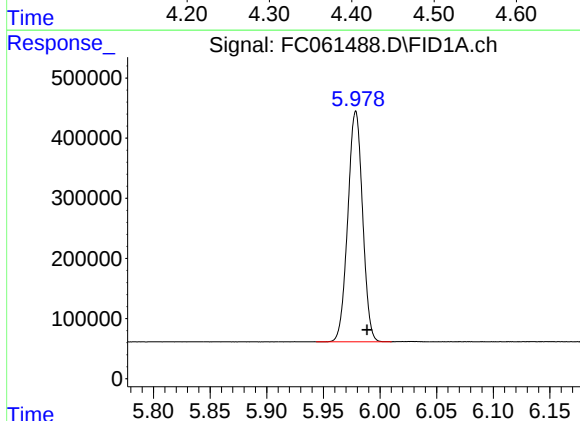
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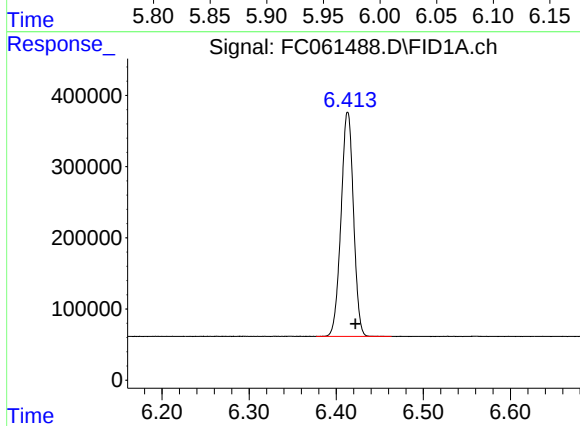
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.009 min
Response: 3110979
Conc: 20.50 ug/ml



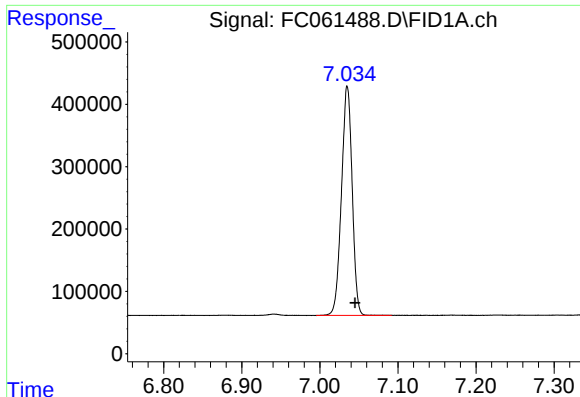
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.010 min
Response: 3484818
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.009 min
Response: 3131479
Conc: 20.22 ug/ml



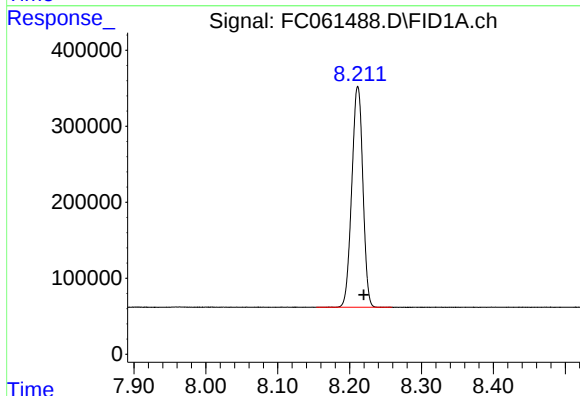
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.010 min
Response: 3503132
Conc: 19.89 ug/ml

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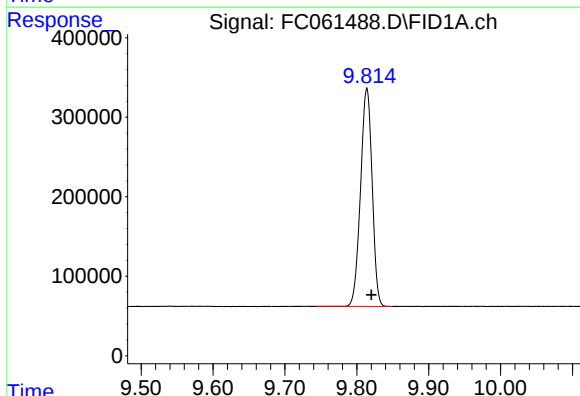
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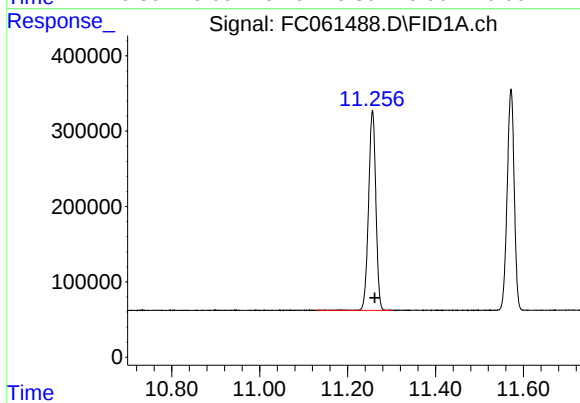
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.008 min
Response: 3109878
Conc: 19.88 ug/ml



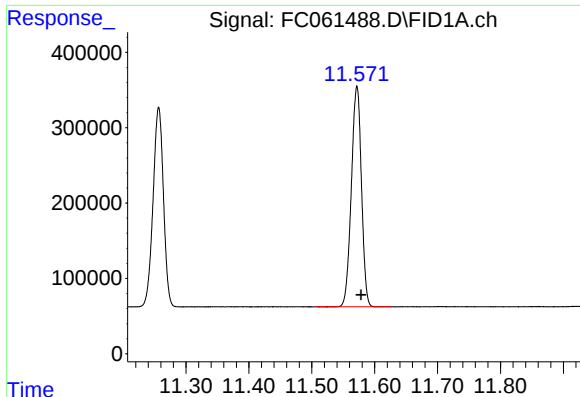
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.006 min
Response: 3072030
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.005 min
Response: 3041570
Conc: 19.28 ug/ml



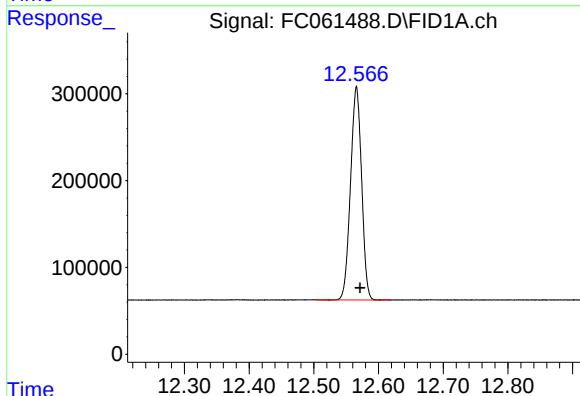
#9 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: -0.007 min
Response: 3262724
Conc: 18.43 ug/ml

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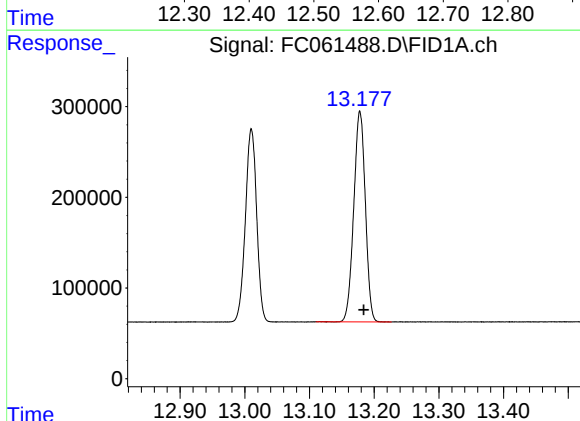
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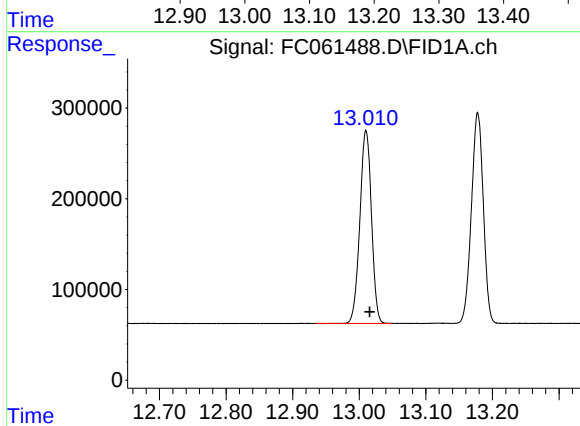
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.006 min
Response: 2918218
Conc: 18.77 ug/ml



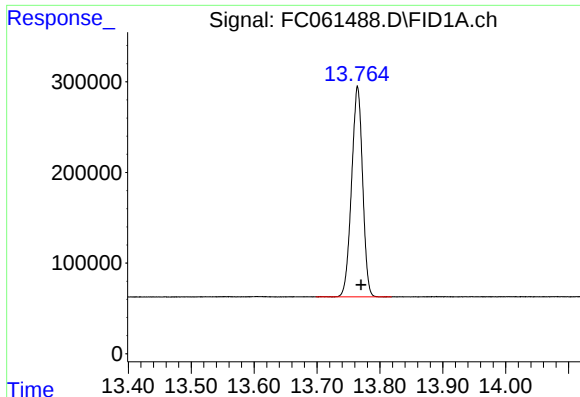
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.006 min
Response: 2889029
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: -0.006 min
Response: 2575773
Conc: 18.39 ug/ml



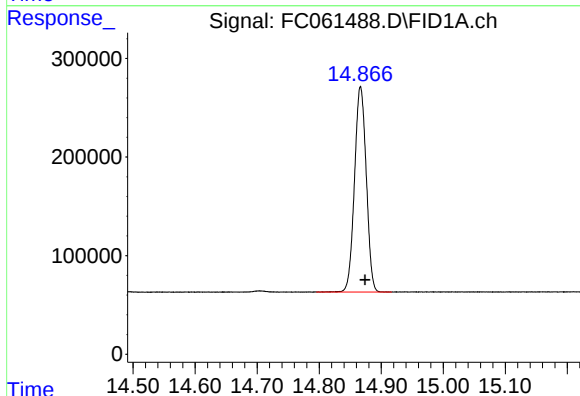
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 2827619
Conc: 18.22 ug/ml

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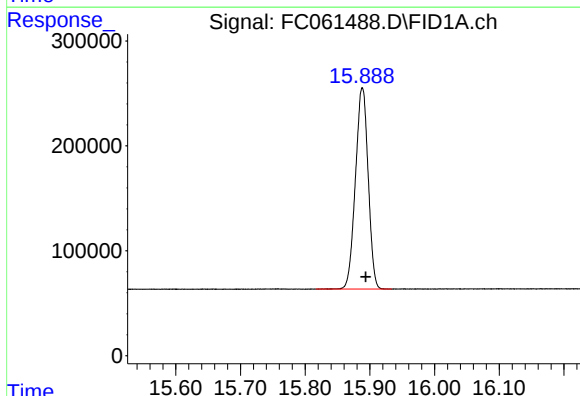
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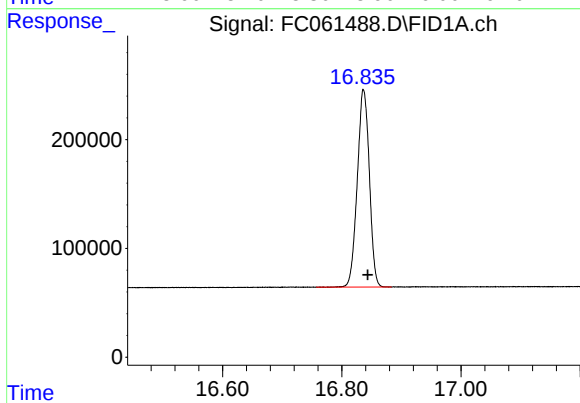
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.007 min
Response: 2736795
Conc: 17.69 ug/ml



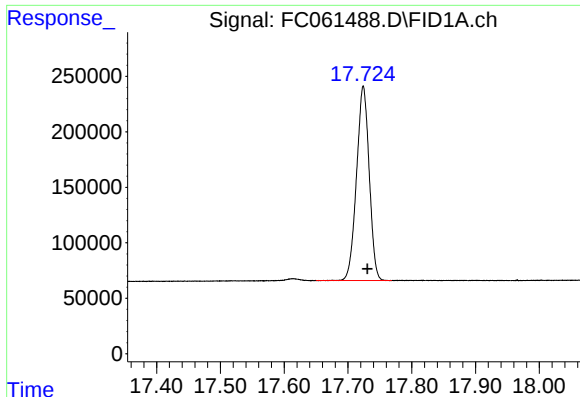
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: -0.005 min
Response: 2622363
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.007 min
Response: 2551523
Conc: 17.27 ug/ml



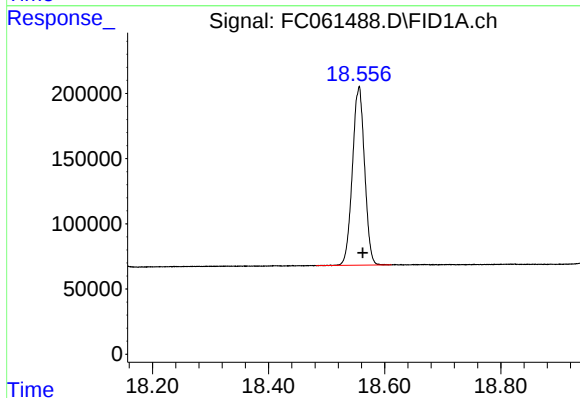
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.007 min
Response: 2419707
Conc: 17.52 ug/ml

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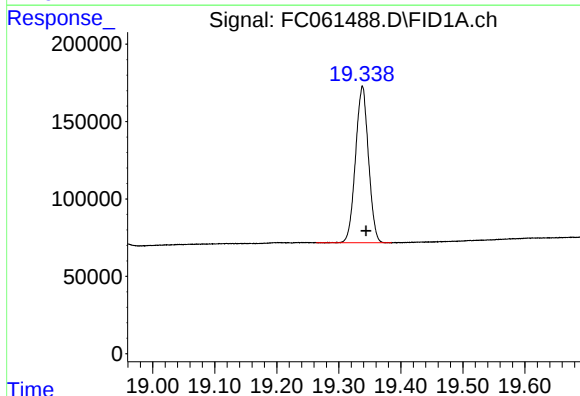
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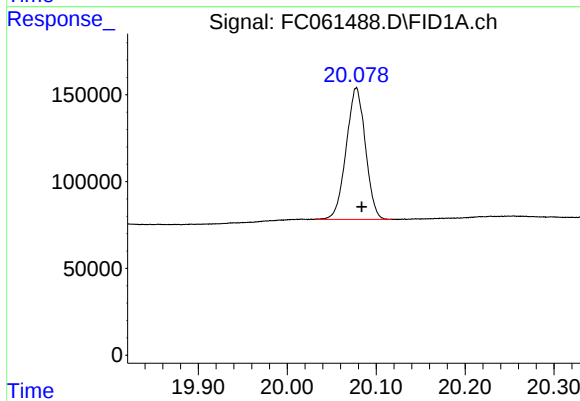
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.007 min
Response: 1988123
Conc: 18.11 ug/ml



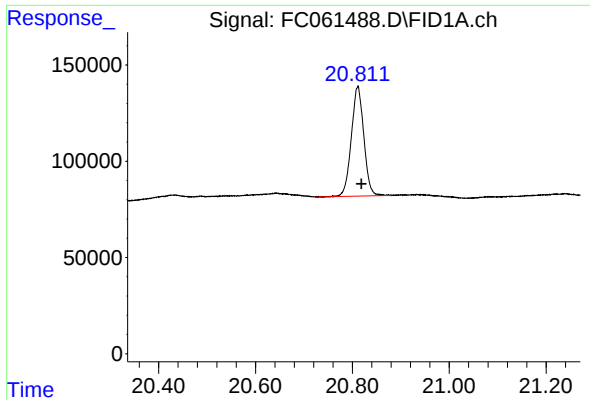
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.006 min
Response: 1462417
Conc: 18.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.006 min
Response: 1138039
Conc: 20.16 ug/ml m



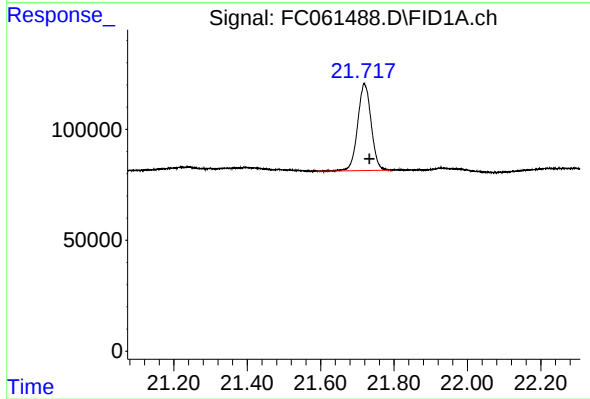
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.008 min
Response: 1015321
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.014 min
Response: 998970
Conc: 23.82 ug/ml