

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091322AL\
 Data File : FC061481.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2022 10:55
 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 09/14/2022
 Supervised By :Ankita Jodhani 09/14/2022

Integration File: sample.E
 Quant Time: Sep 14 06:46:59 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	3215386	18.163 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
12) S 1-chlorooctadecane (S...	13.010	2537445	18.118 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.326	3027646	20.025 ug/ml
2) T n-Decane (C10)	4.395	3031067	19.976 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3412260	19.712 ug/ml
4) T n-Dodecane (C12)	6.414	3062709	19.776 ug/ml
5) T A~2-methylnaphthalene...	7.036	3433094	19.497 ug/ml
6) T n-Tetradecane (C14)	8.212	3047129	19.481 ug/ml
7) T n-Hexadecane (C16)	9.813	3015950	19.255 ug/ml
8) T n-Octadecane (C18)	11.256	2986958	18.933 ug/ml
10) T n-Eicosane (C20)	12.566	2876821	18.505 ug/ml
11) T n-Heneicosane (C21)	13.178	2847096	18.202 ug/ml
13) T n-Docosane (C22)	13.765	2790387	17.982 ug/ml
14) T n-Tetracosane (C24)	14.866	2700605	17.457 ug/ml
15) T n-Hexacosane (C26)	15.888	2586209	17.184 ug/ml
16) T n-Octacosane (C28)	16.837	2510245	16.995 ug/ml
17) T n-Tricontane (C30)	17.724	2364137	17.117 ug/ml
18) T n-Dotriacontane (C32)	18.556	1935115	17.630 ug/ml
19) T n-Tetratriacontane (C34)	19.339	1424884	18.460 ug/ml
20) T n-Hexatriacontane (C36)	20.077	1095363	19.401 ug/mlm
21) T n-Octatriacontane (C38)	20.811	970792	20.926 ug/ml
22) T n-Tetracontane (C40)	21.721	934662	22.284 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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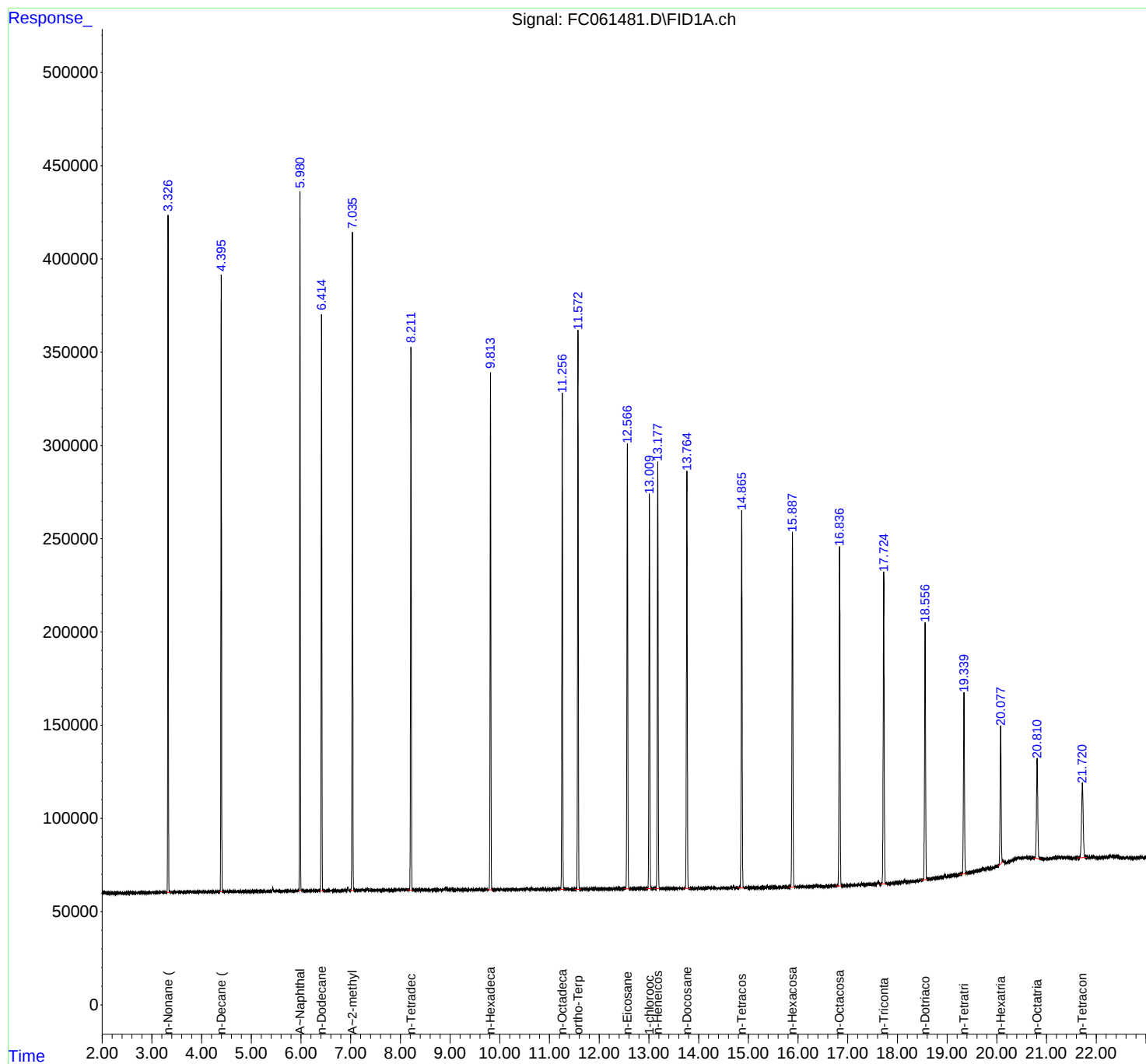
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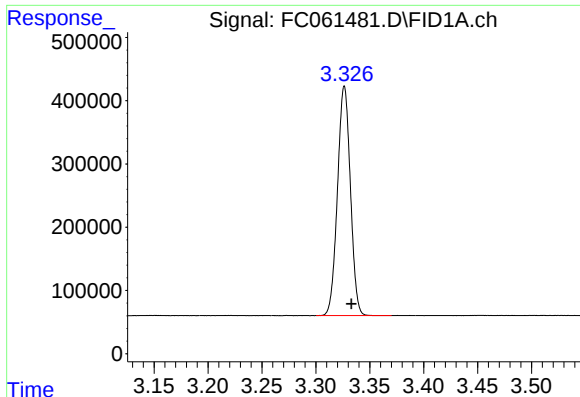
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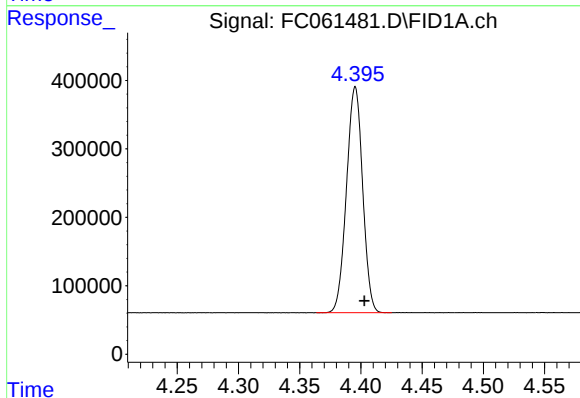
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.007 min
Response: 3027646
Conc: 20.03 ug/ml

Instrument : FID_C
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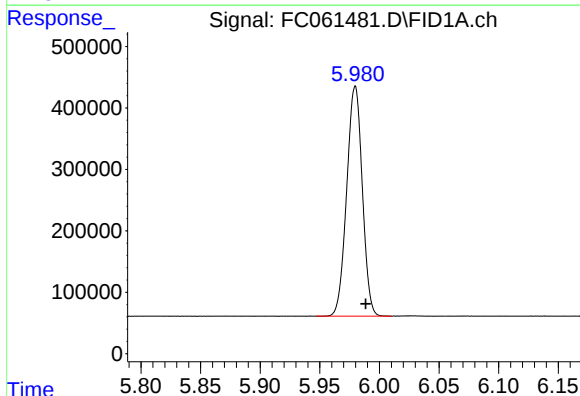
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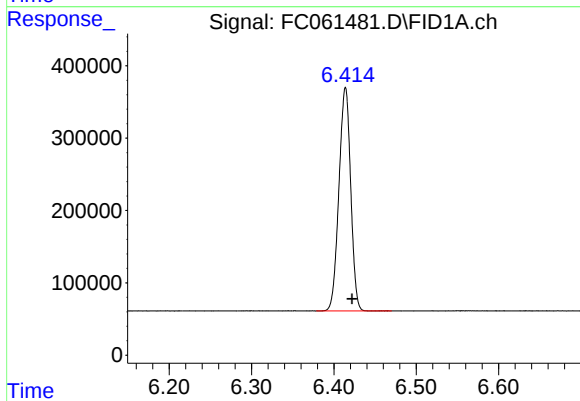
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: -0.008 min
Response: 3031067
Conc: 19.98 ug/ml



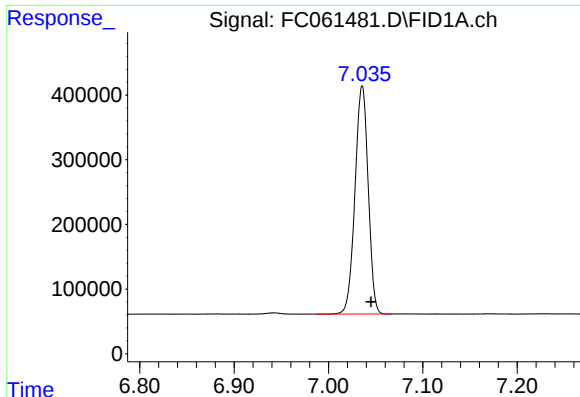
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.009 min
Response: 3412260
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.008 min
Response: 3062709
Conc: 19.78 ug/ml



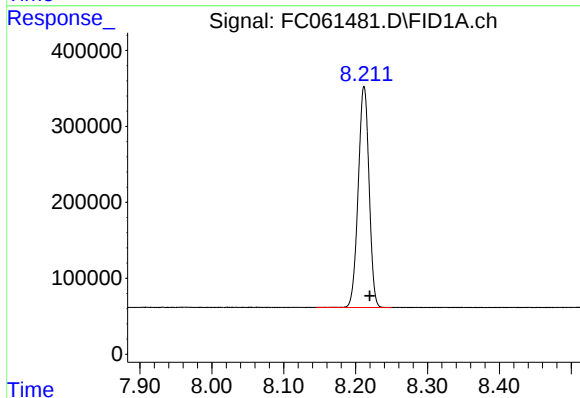
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.009 min
Response: 3433094
Conc: 19.50 ug/ml

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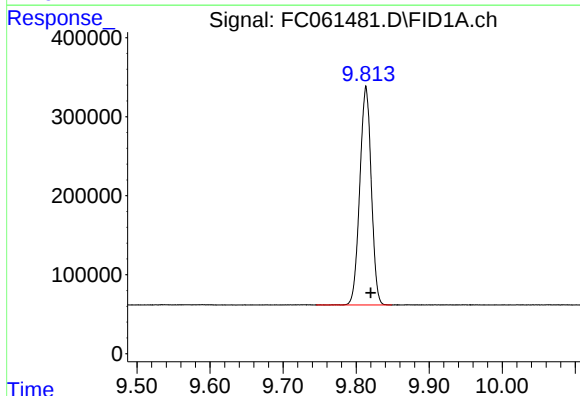
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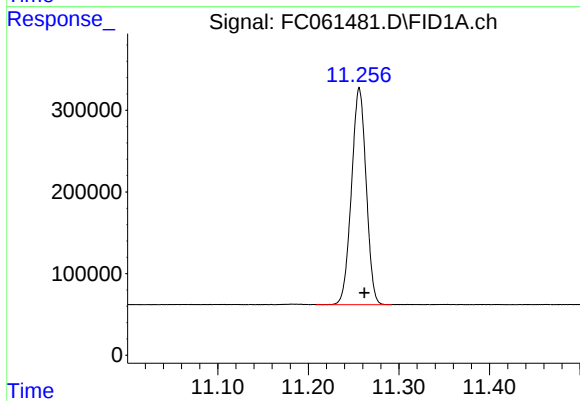
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.008 min
Response: 3047129
Conc: 19.48 ug/ml



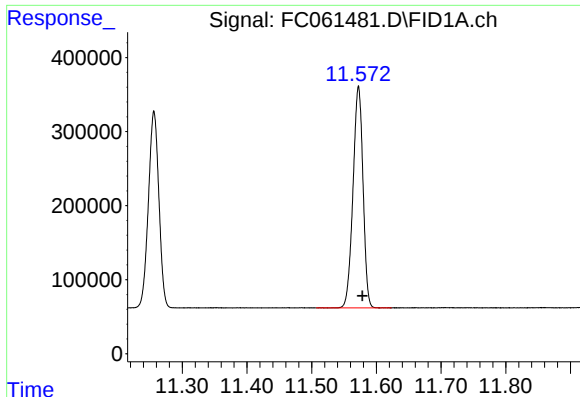
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.007 min
Response: 3015950
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: -0.006 min
Response: 2986958
Conc: 18.93 ug/ml



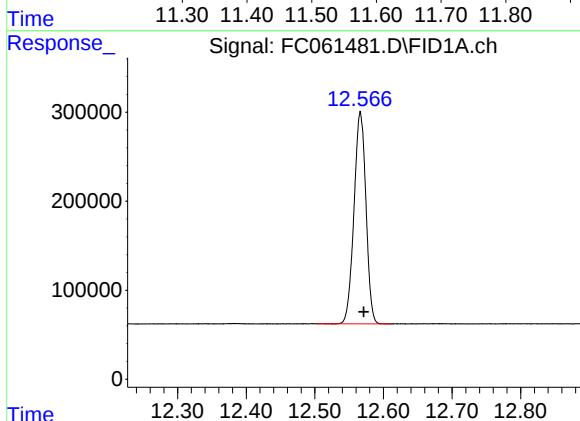
#9 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: -0.006 min
Response: 3215386
Conc: 18.16 ug/ml

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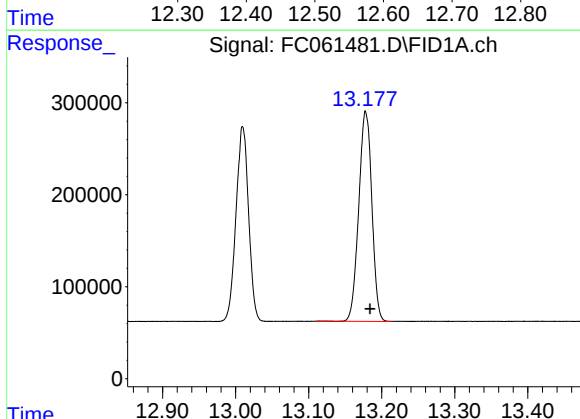
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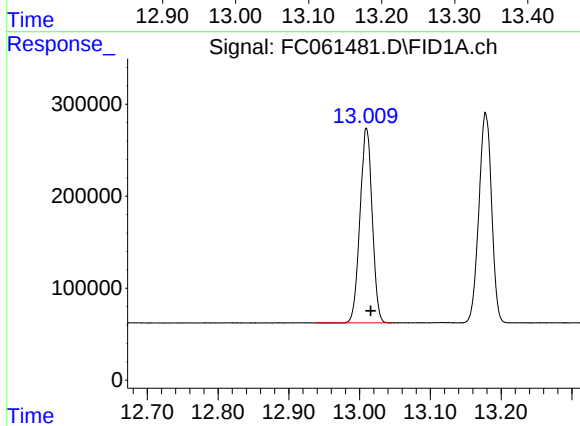
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 2876821
Conc: 18.51 ug/ml



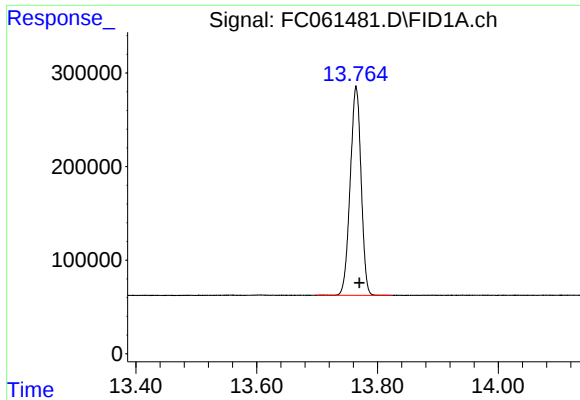
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.006 min
Response: 2847096
Conc: 18.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: -0.006 min
Response: 2537445
Conc: 18.12 ug/ml



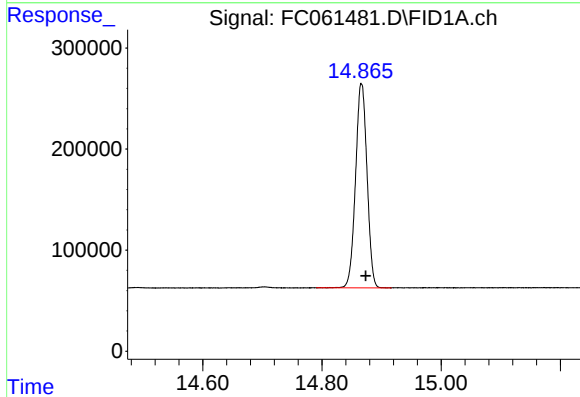
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 2790387
Conc: 17.98 ug/ml

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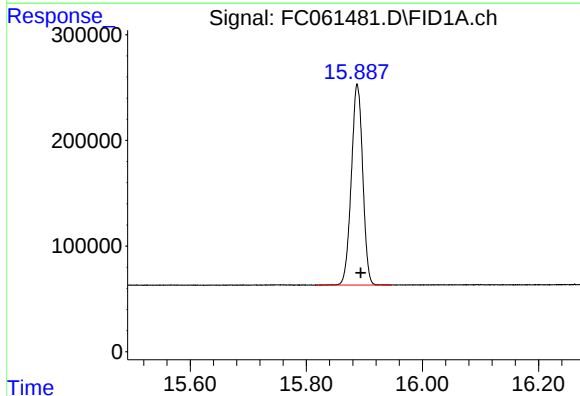
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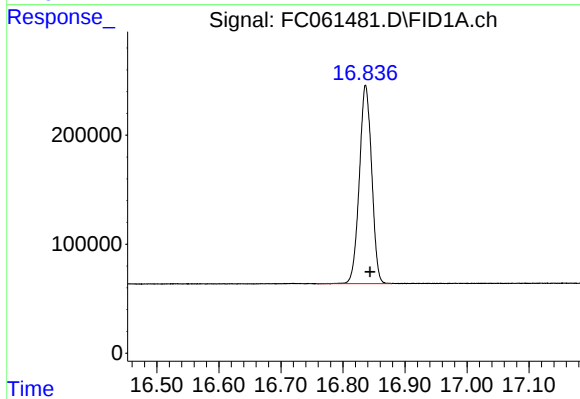
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.007 min
Response: 2700605
Conc: 17.46 ug/ml



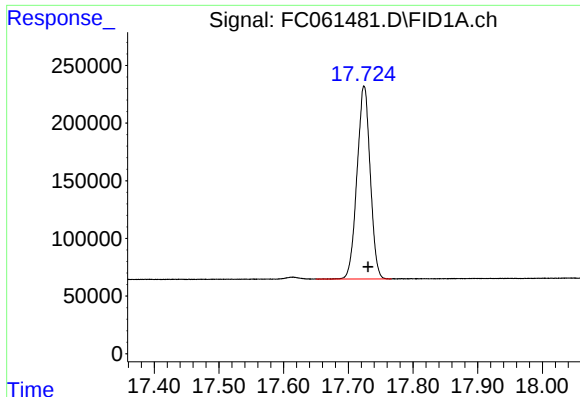
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: -0.006 min
Response: 2586209
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.007 min
Response: 2510245
Conc: 16.99 ug/ml



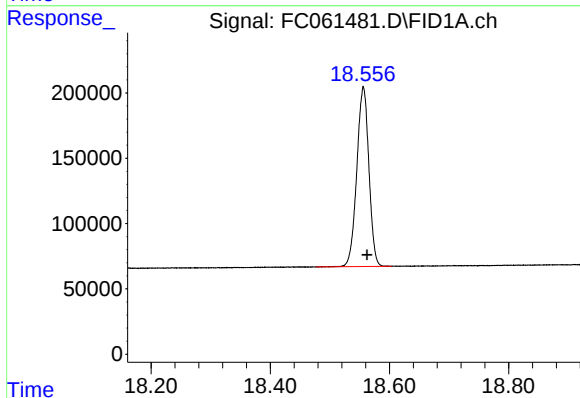
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.006 min
Response: 2364137
Conc: 17.12 ug/ml

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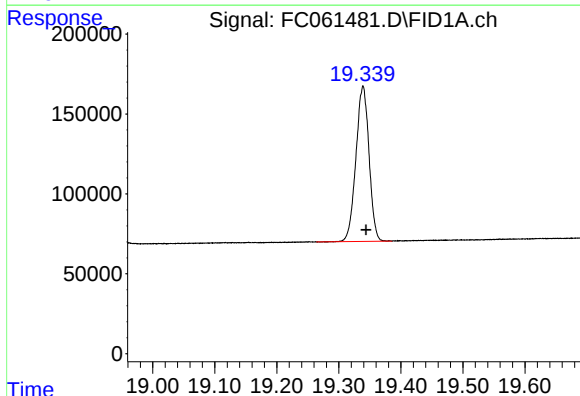
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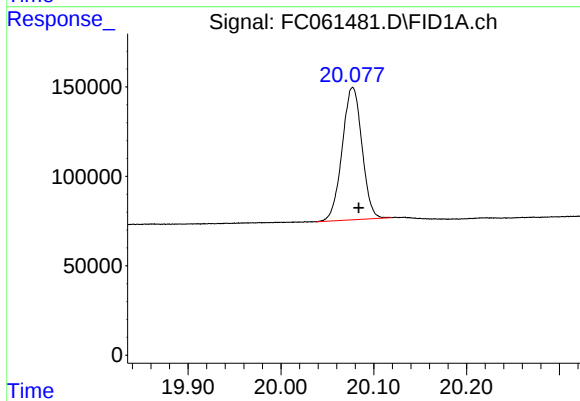
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: -0.006 min
Response: 1935115
Conc: 17.63 ug/ml



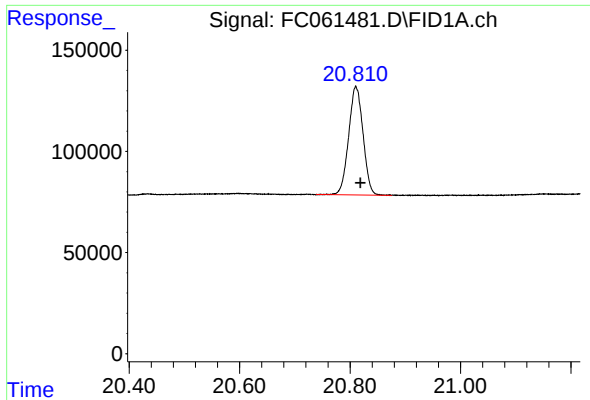
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.005 min
Response: 1424884
Conc: 18.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.007 min
Response: 1095363
Conc: 19.40 ug/ml m



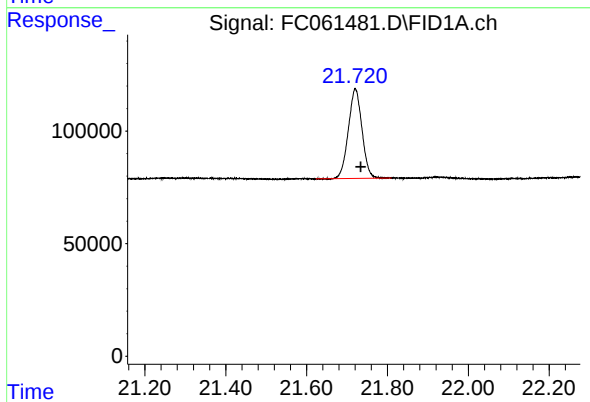
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.008 min
Response: 970792
Conc: 20.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.013 min
Response: 934662
Conc: 22.28 ug/ml