

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090922AL\
 Data File : FC061465.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 11:01
 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 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 03:02:52 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)	11.574	3039004	17.167 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
12) S 1-chlorooctadecane (S...	13.011	2393360	17.089 ug/ml
Spiked Amount 50.000		Recovery =	34.18%
Target Compounds			
1) T n-Nonane (C9)	3.333	2771756	18.333 ug/ml
2) T n-Decane (C10)	4.400	2883612	19.004 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3222538	18.616 ug/ml
4) T n-Dodecane (C12)	6.417	2913887	18.815 ug/ml
5) T A~2-methylnaphthalene...	7.040	3252539	18.472 ug/ml
6) T n-Tetradecane (C14)	8.214	2905876	18.578 ug/ml
7) T n-Hexadecane (C16)	9.816	2876042	18.362 ug/ml
8) T n-Octadecane (C18)	11.258	2840852	18.007 ug/ml
10) T n-Eicosane (C20)	12.567	2738252	17.614 ug/ml
11) T n-Heneicosane (C21)	13.179	2688470	17.188 ug/ml
13) T n-Docosane (C22)	13.765	2668969	17.199 ug/ml
14) T n-Tetracosane (C24)	14.867	2662850	17.213 ug/ml
15) T n-Hexacosane (C26)	15.887	2575931	17.115 ug/ml
16) T n-Octacosane (C28)	16.836	2622789	17.757 ug/ml
17) T n-Tricontane (C30)	17.723	2722823	19.714 ug/ml
18) T n-Dotriacontane (C32)	18.555	2397866	21.845 ug/ml
19) T n-Tetratriacontane (C34)	19.338	1792585	23.224 ug/ml
20) T n-Hexatriacontane (C36)	20.075	1370361	24.272 ug/mlm
21) T n-Octatriacontane (C38)	20.808	1117217	24.082 ug/ml
22) T n-Tetracontane (C40)	21.719	974667	23.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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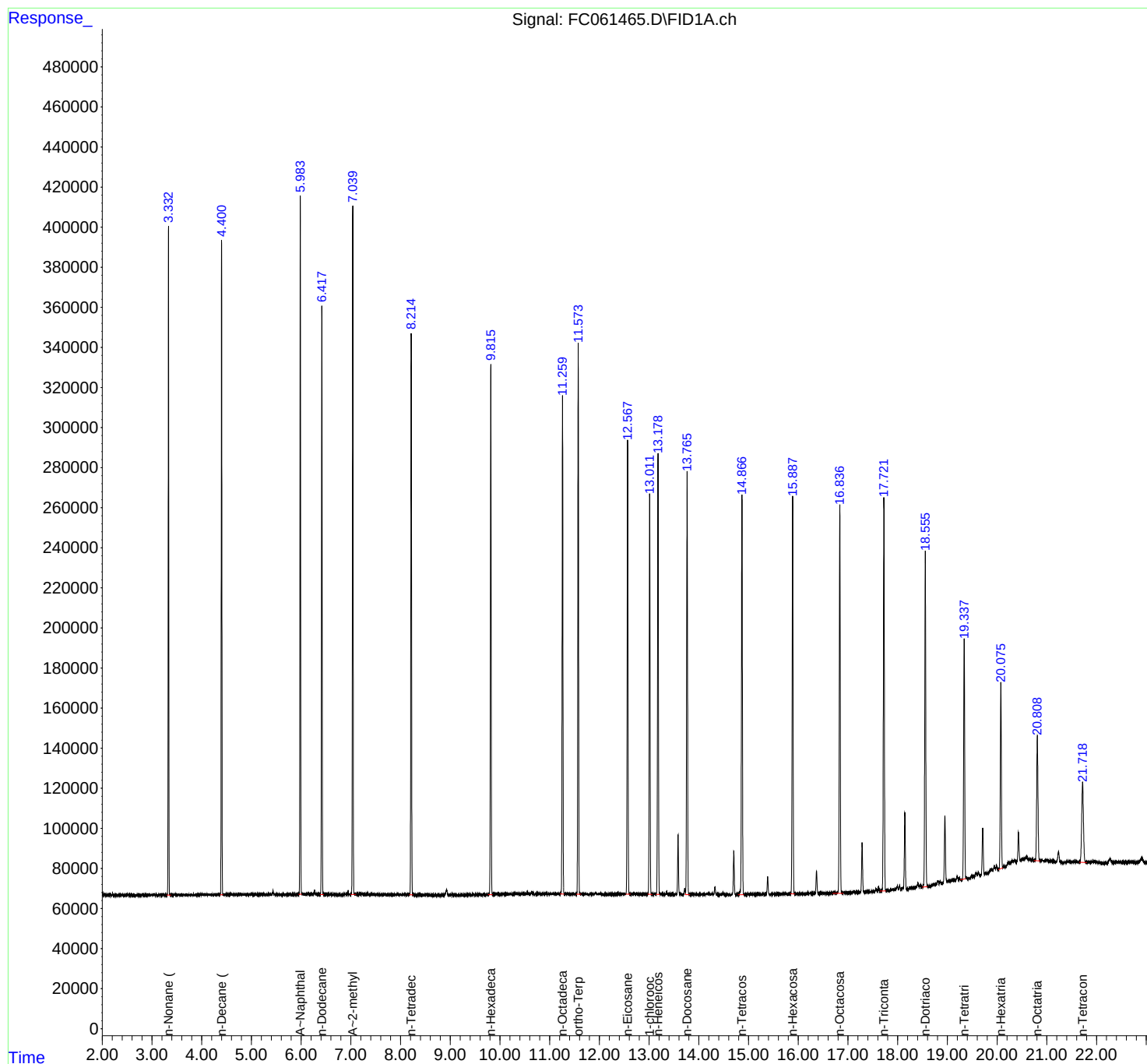
Instrument :
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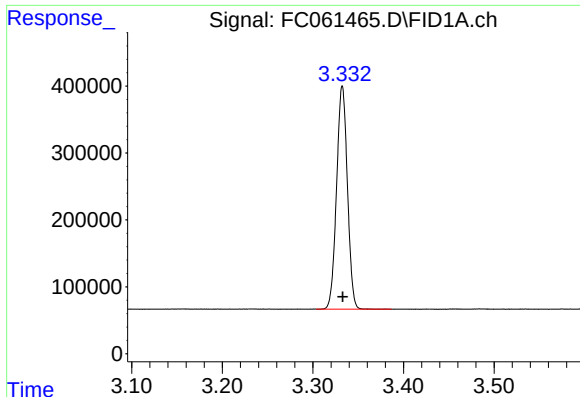
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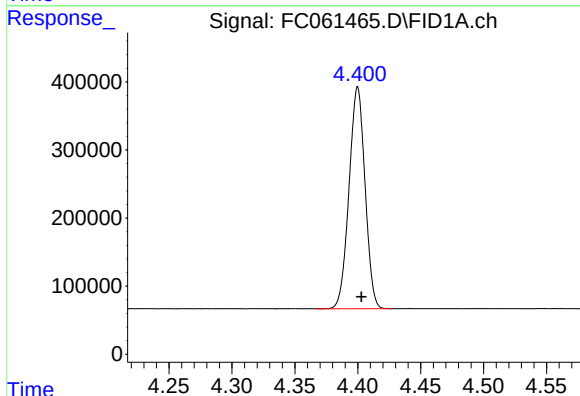
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 2771756
Conc: 18.33 ug/ml

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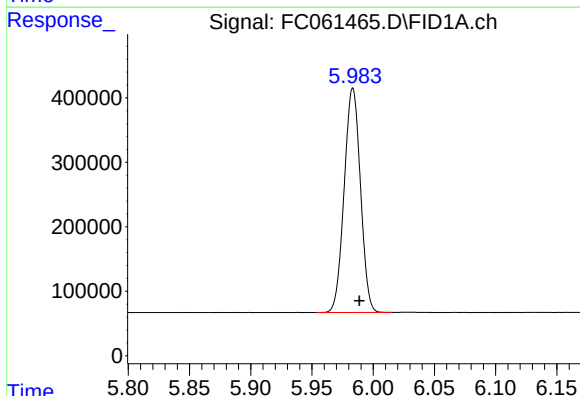
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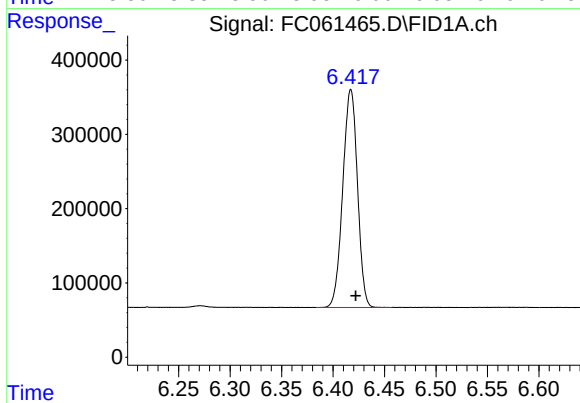
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: -0.003 min
Response: 2883612
Conc: 19.00 ug/ml



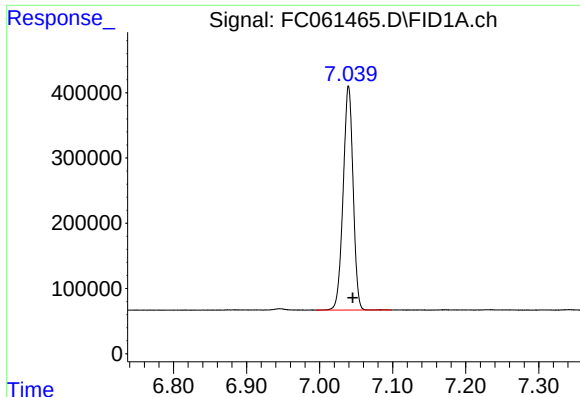
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 3222538
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 2913887
Conc: 18.81 ug/ml



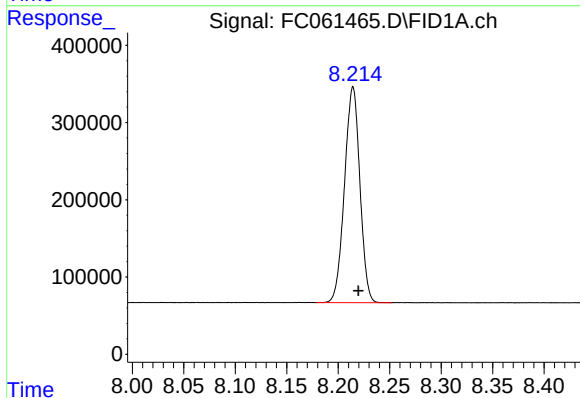
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 3252539
Conc: 18.47 ug/ml

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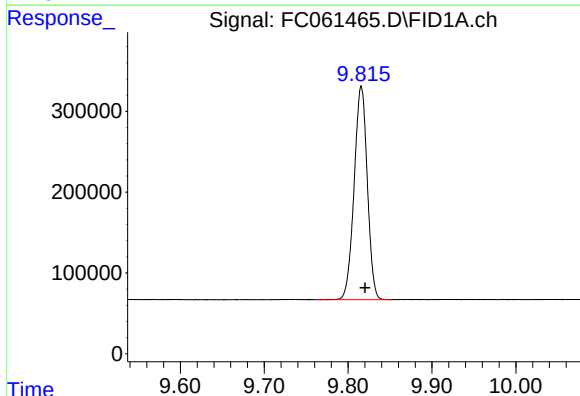
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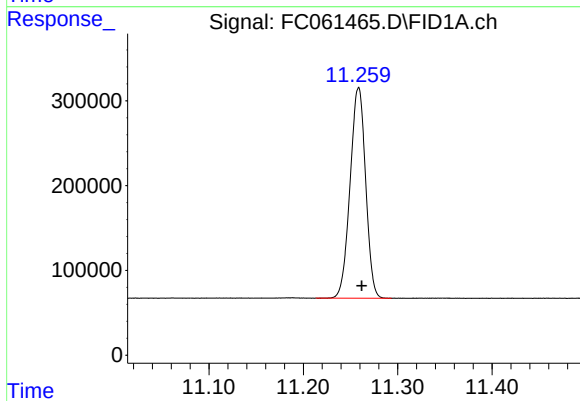
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 2905876
Conc: 18.58 ug/ml



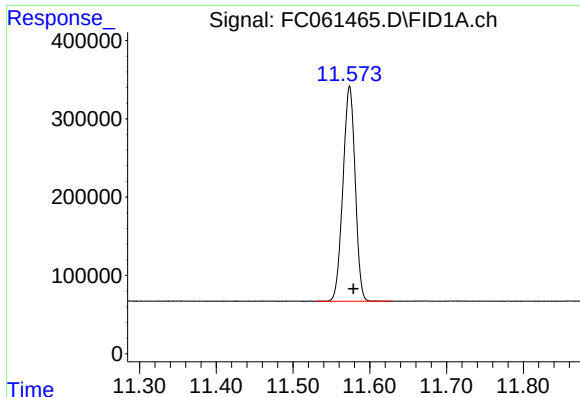
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 2876042
Conc: 18.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.003 min
Response: 2840852
Conc: 18.01 ug/ml



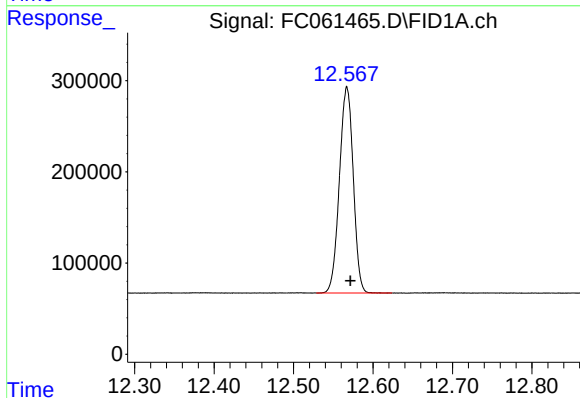
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.005 min
Response: 3039004
Conc: 17.17 ug/ml

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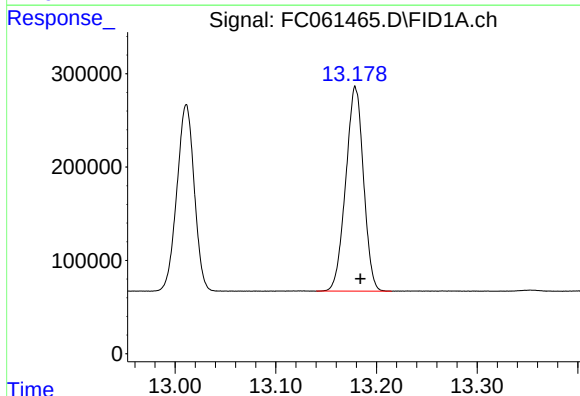
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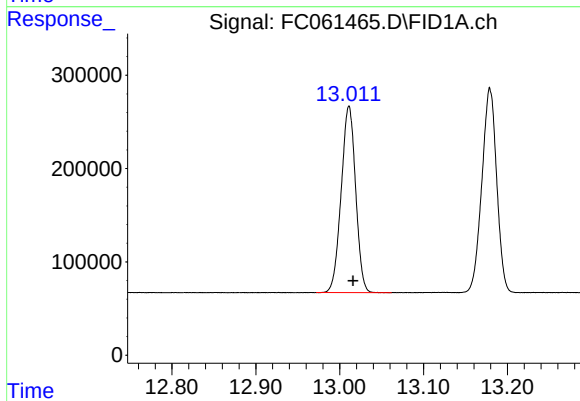
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2738252
Conc: 17.61 ug/ml



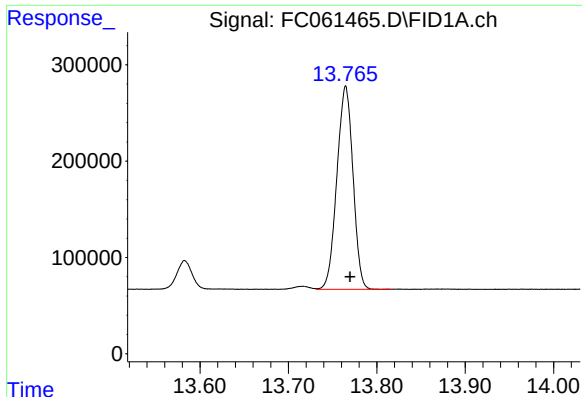
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.005 min
Response: 2688470
Conc: 17.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.005 min
Response: 2393360
Conc: 17.09 ug/ml



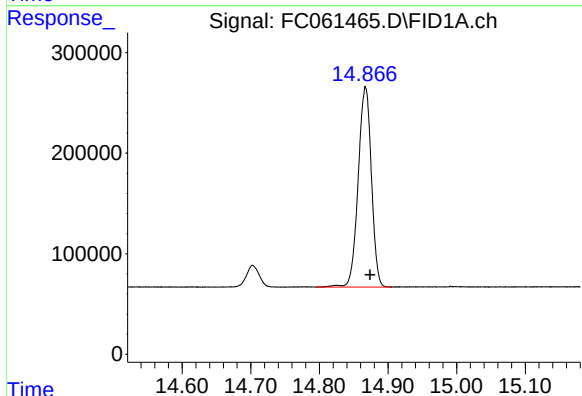
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 2668969
Conc: 17.20 ug/ml

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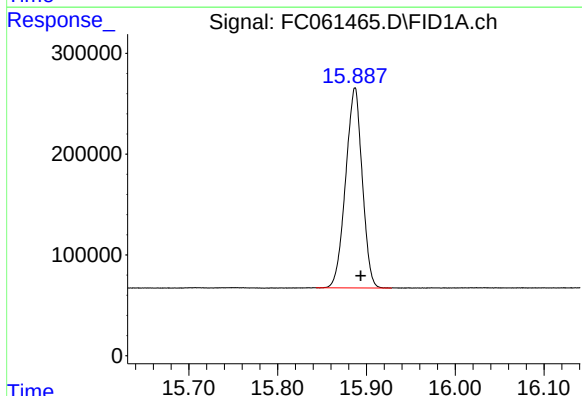
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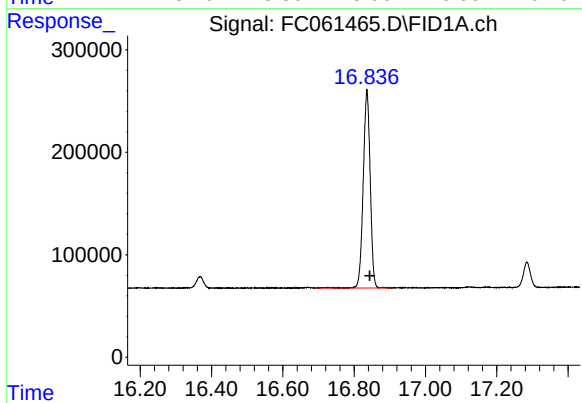
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.007 min
Response: 2662850
Conc: 17.21 ug/ml



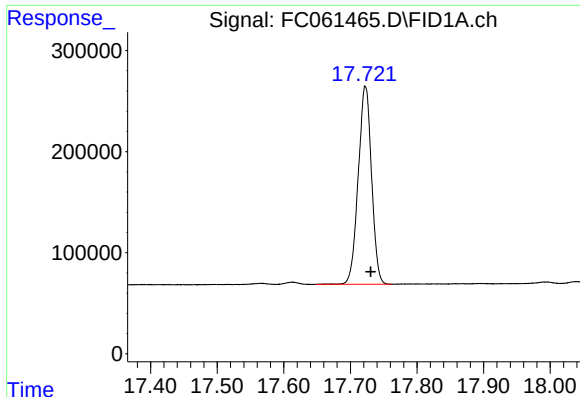
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.007 min
Response: 2575931
Conc: 17.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.008 min
Response: 2622789
Conc: 17.76 ug/ml



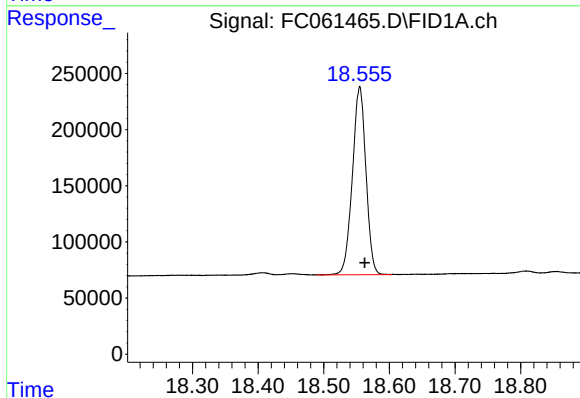
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.008 min
Response: 2722823
Conc: 19.71 ug/ml

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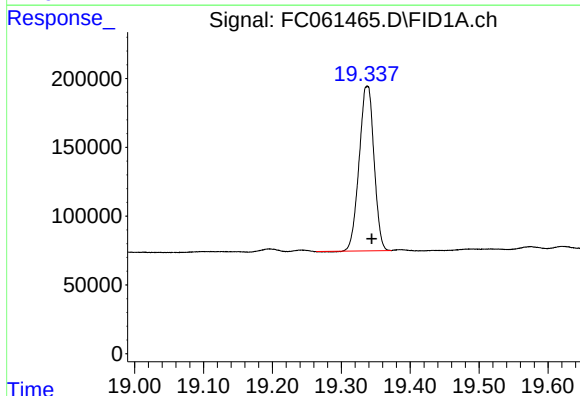
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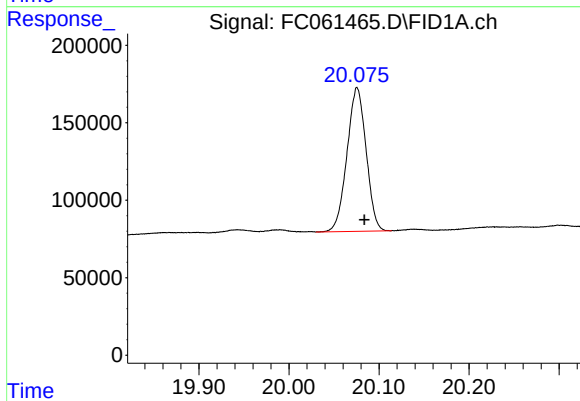
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.008 min
Response: 2397866
Conc: 21.85 ug/ml



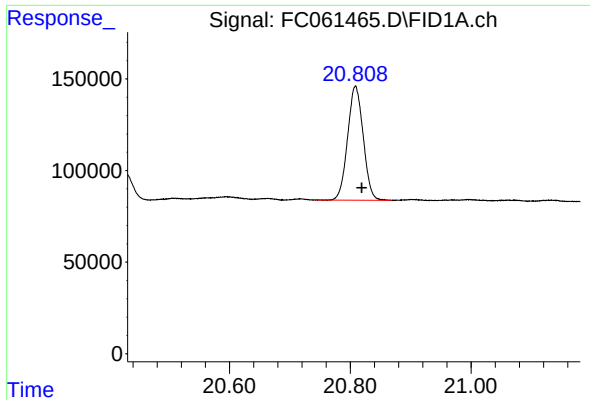
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.006 min
Response: 1792585
Conc: 23.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.009 min
Response: 1370361
Conc: 24.27 ug/ml m



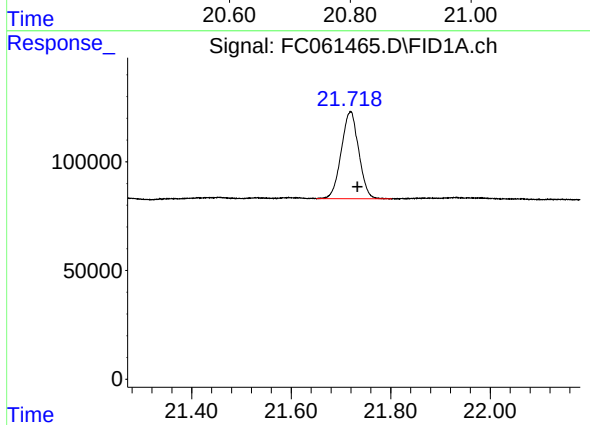
#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.010 min
Response: 1117217
Conc: 24.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.015 min
Response: 974667
Conc: 23.24 ug/ml