

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111122AL\
 Data File : FC062164.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 06:39
 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 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 07:36:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.593	2440253	16.417 ug/ml
Spiked Amount 50.000		Recovery =	32.83%
12) S 1-chlorooctadecane (S...	13.030	1899889	16.308 ug/ml
Spiked Amount 50.000		Recovery =	32.62%
Target Compounds			
1) T n-Nonane (C9)	3.353	2388265	16.979 ug/ml
2) T n-Decane (C10)	4.420	2496617	17.490 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2539922	16.455 ug/ml
4) T n-Dodecane (C12)	6.440	2505373	17.258 ug/ml
5) T A~2-methylnaphthalene...	7.064	2476227	16.324 ug/ml
6) T n-Tetradecane (C14)	8.235	2456962	16.902 ug/ml
7) T n-Hexadecane (C16)	9.837	2429066	16.680 ug/ml
8) T n-Octadecane (C18)	11.278	2391032	16.542 ug/ml
10) T n-Eicosane (C20)	12.585	2321221	16.447 ug/ml
11) T n-Heneicosane (C21)	13.197	2273686	16.386 ug/ml
13) T n-Docosane (C22)	13.781	2279311	16.626 ug/mlm
14) T n-Tetracosane (C24)	14.883	2224882	16.838 ug/ml
15) T n-Hexacosane (C26)	15.901	2243828	17.807 ug/ml
16) T n-Octacosane (C28)	16.849	2364816	19.608 ug/ml
17) T n-Tricontane (C30)	17.734	2751788	23.128 ug/ml
18) T n-Dotriacontane (C32)	18.565	2918845	24.773 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2667477	23.611 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2458903	21.682 ug/ml
21) T n-Octatriacontane (C38)	20.819	2283311	20.293 ug/ml
22) T n-Tetracontane (C40)	21.739	2111315	18.806 ug/ml

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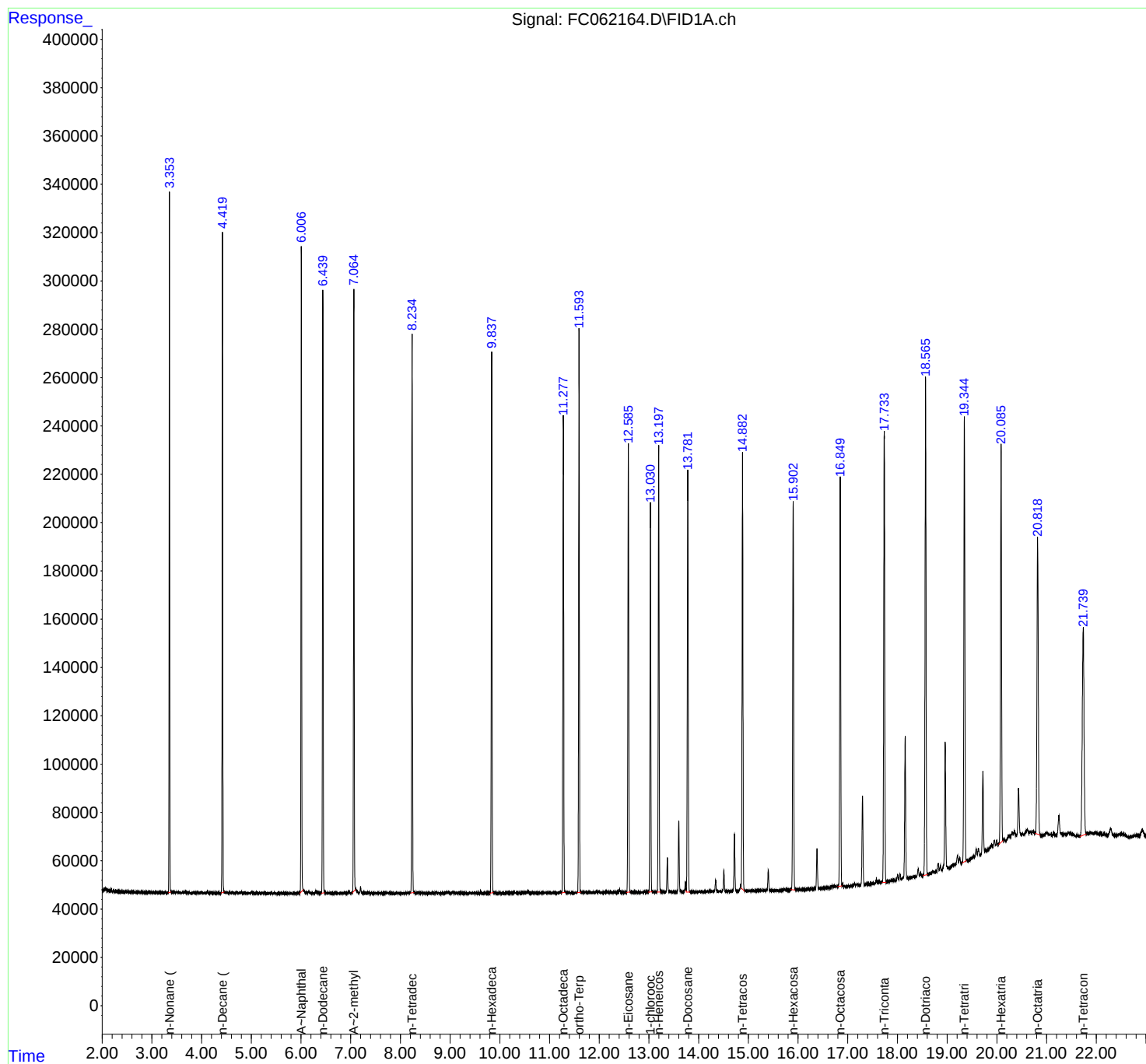
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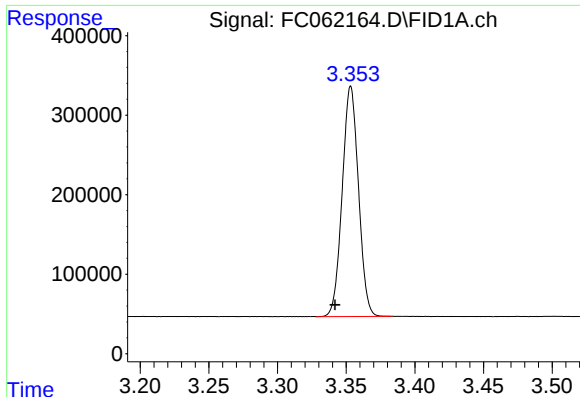
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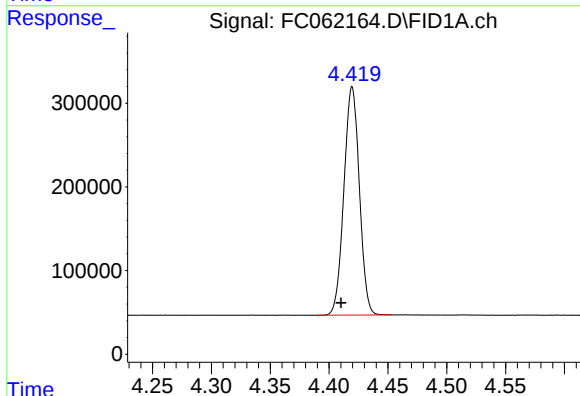
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.011 min
Response: 2388265
Conc: 16.98 ug/ml

Instrument :
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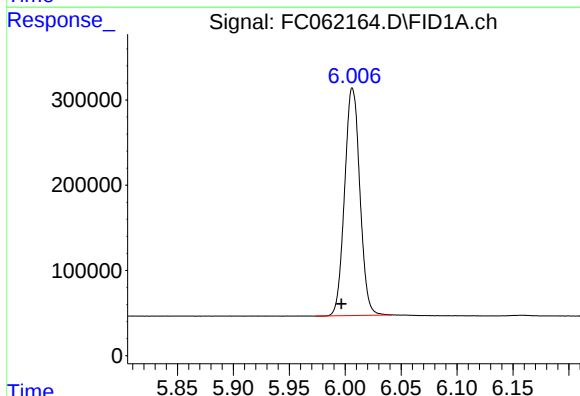
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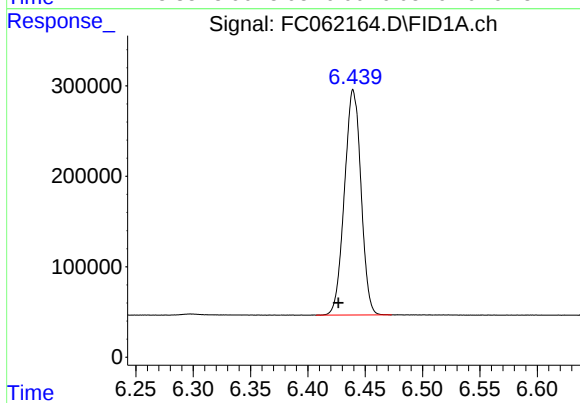
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: 0.009 min
Response: 2496617
Conc: 17.49 ug/ml



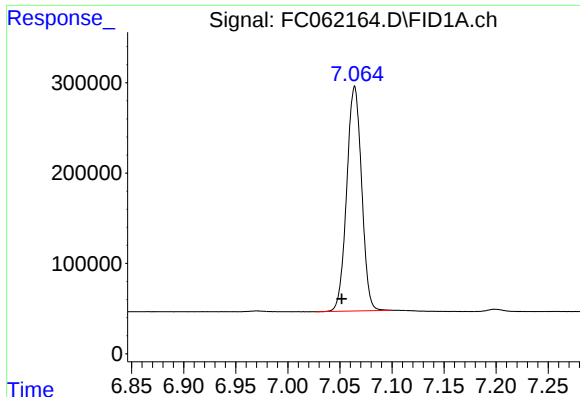
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.010 min
Response: 2539922
Conc: 16.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 2505373
Conc: 17.26 ug/ml



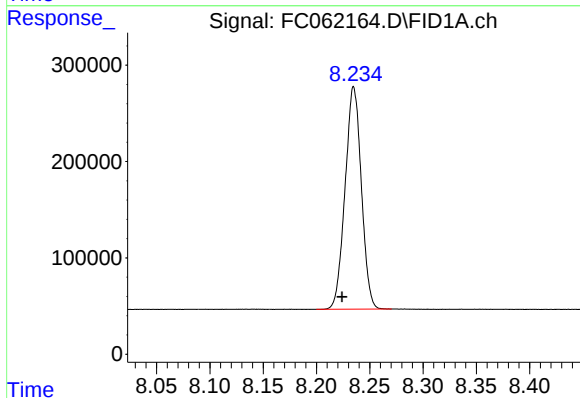
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 2476227
Conc: 16.32 ug/ml

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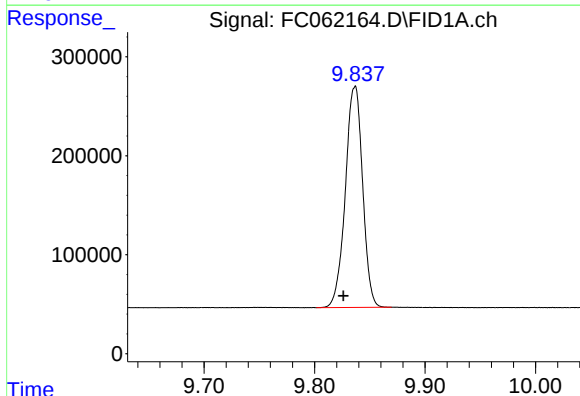
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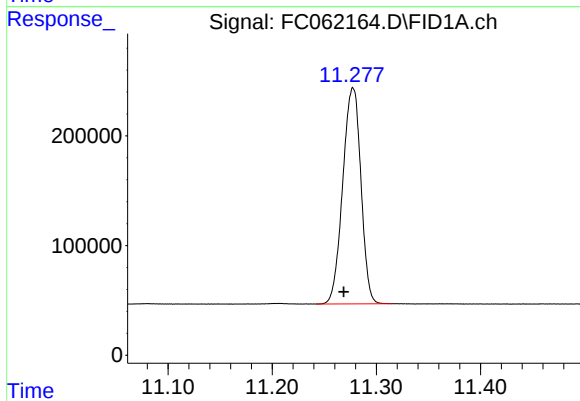
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 2456962
Conc: 16.90 ug/ml



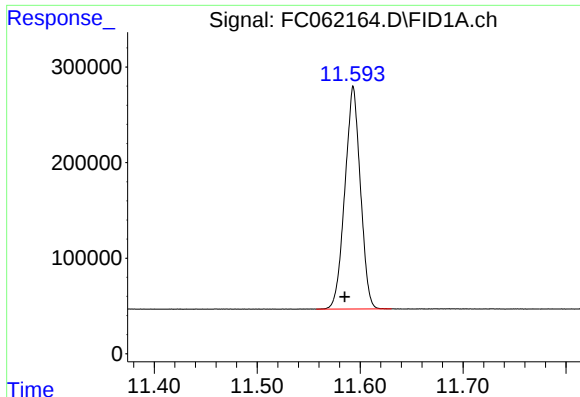
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.011 min
Response: 2429066
Conc: 16.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.009 min
Response: 2391032
Conc: 16.54 ug/ml



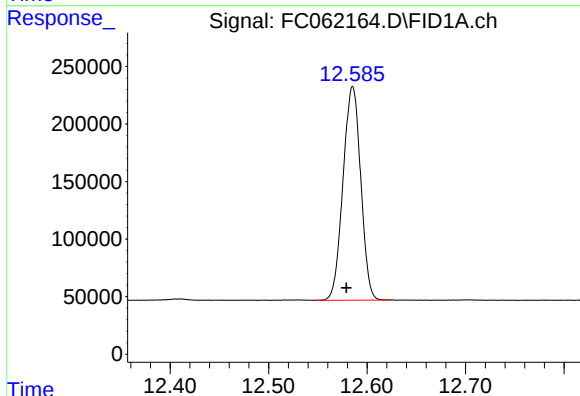
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: 0.008 min
Response: 2440253
Conc: 16.42 ug/ml

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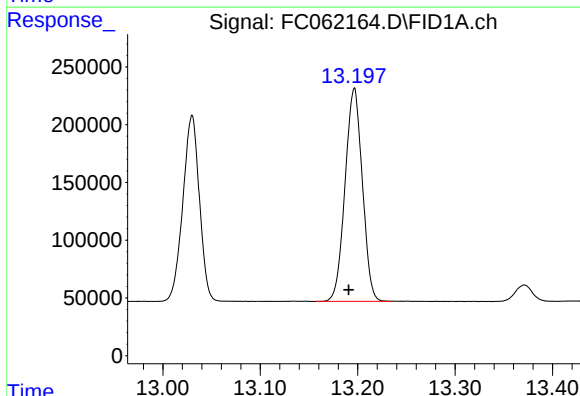
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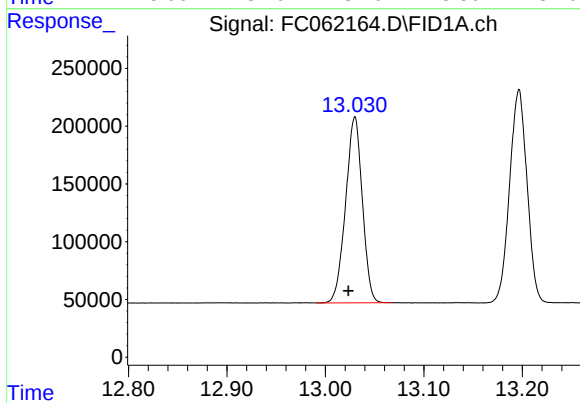
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.006 min
Response: 2321221
Conc: 16.45 ug/ml



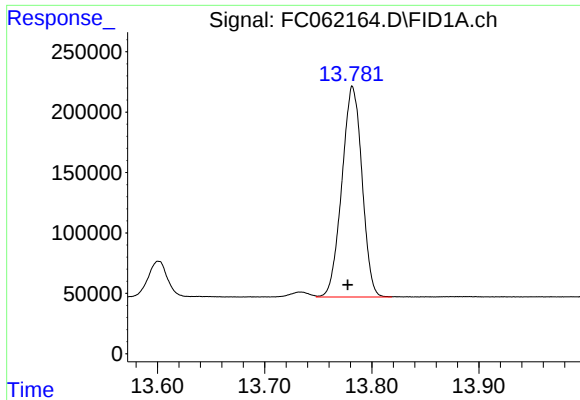
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.006 min
Response: 2273686
Conc: 16.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.007 min
Response: 1899889
Conc: 16.31 ug/ml



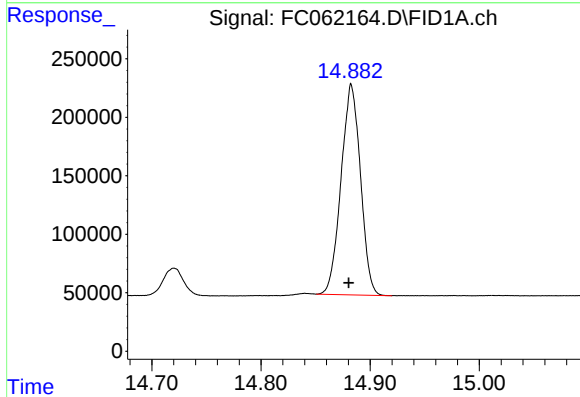
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.004 min
Response: 2279311
Conc: 16.63 ug/ml

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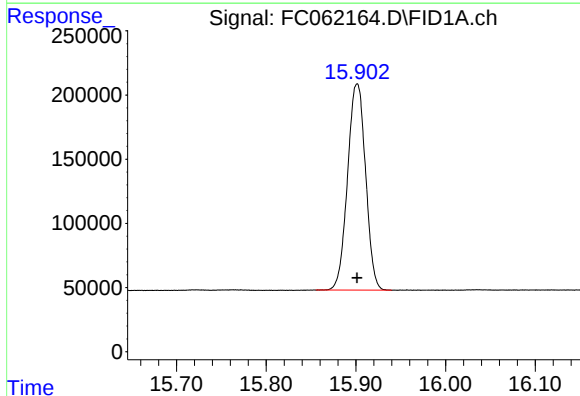
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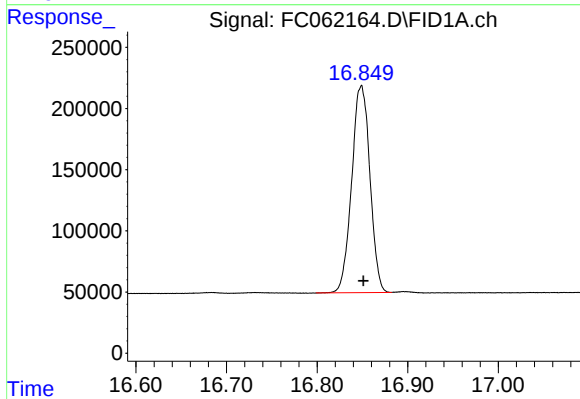
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.002 min
Response: 2224882
Conc: 16.84 ug/ml



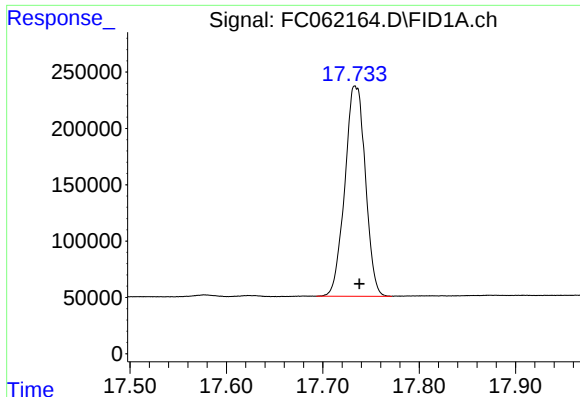
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.000 min
Response: 2243828
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 2364816
Conc: 19.61 ug/ml



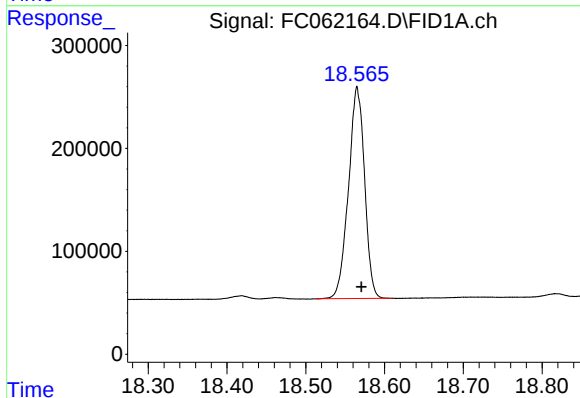
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2751788
Conc: 23.13 ug/ml

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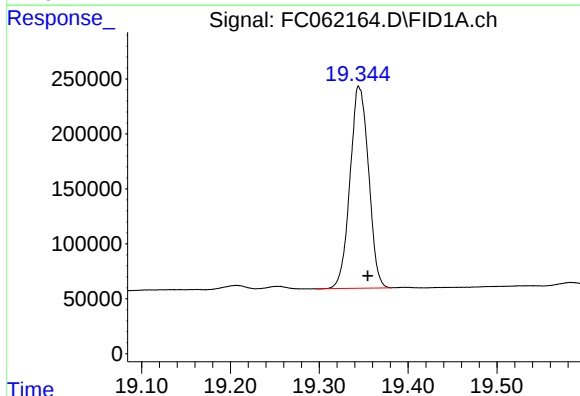
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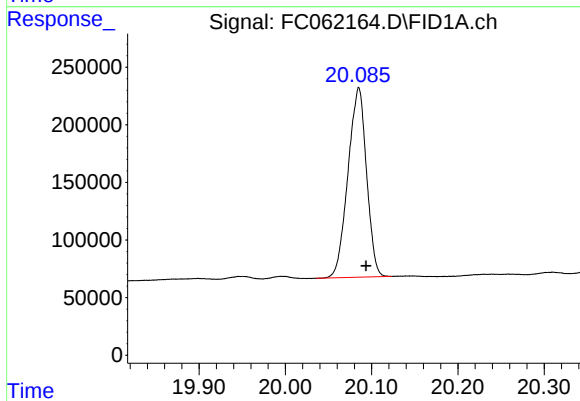
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 2918845
Conc: 24.77 ug/ml



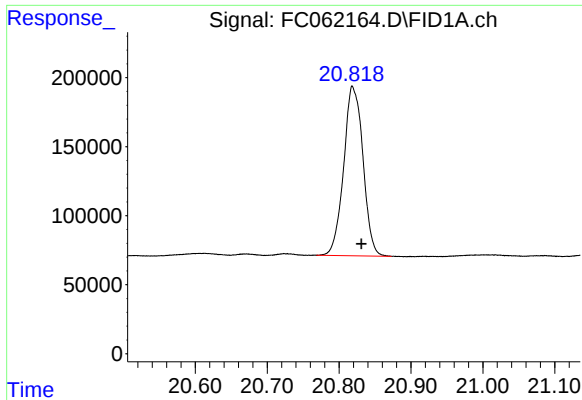
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.010 min
Response: 2667477
Conc: 23.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.008 min
Response: 2458903
Conc: 21.68 ug/ml



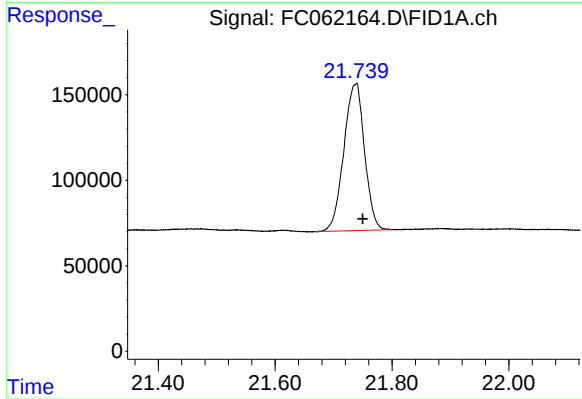
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.013 min
Response: 2283311
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.011 min
Response: 2111315
Conc: 18.81 ug/ml