

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090922AL\
 Data File : FC061469.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 19:30
 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 03:03:44 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)	11.573	3139390	17.734 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	13.011	2473322	17.660 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.329	2829306	18.714 ug/ml
2) T n-Decane (C10)	4.398	2940404	19.378 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3306832	19.103 ug/ml
4) T n-Dodecane (C12)	6.417	2976585	19.220 ug/ml
5) T A~2-methylnaphthalene...	7.039	3332057	18.923 ug/ml
6) T n-Tetradecane (C14)	8.215	2972472	19.004 ug/ml
7) T n-Hexadecane (C16)	9.816	2952919	18.853 ug/ml
8) T n-Octadecane (C18)	11.258	2925662	18.544 ug/ml
10) T n-Eicosane (C20)	12.567	2830012	18.204 ug/ml
11) T n-Heneicosane (C21)	13.178	2777354	17.756 ug/ml
13) T n-Docosane (C22)	13.765	2760787	17.791 ug/ml
14) T n-Tetracosane (C24)	14.867	2754514	17.805 ug/ml
15) T n-Hexacosane (C26)	15.887	2670373	17.743 ug/ml
16) T n-Octacosane (C28)	16.836	2692997	18.232 ug/ml
17) T n-Tricontane (C30)	17.724	2805812	20.315 ug/ml
18) T n-Dotriacontane (C32)	18.555	2472725	22.527 ug/ml
19) T n-Tetratriacontane (C34)	19.339	1838439	23.818 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1413233	25.031 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1150318	24.796 ug/ml
22) T n-Tetracontane (C40)	21.721	1031574	24.594 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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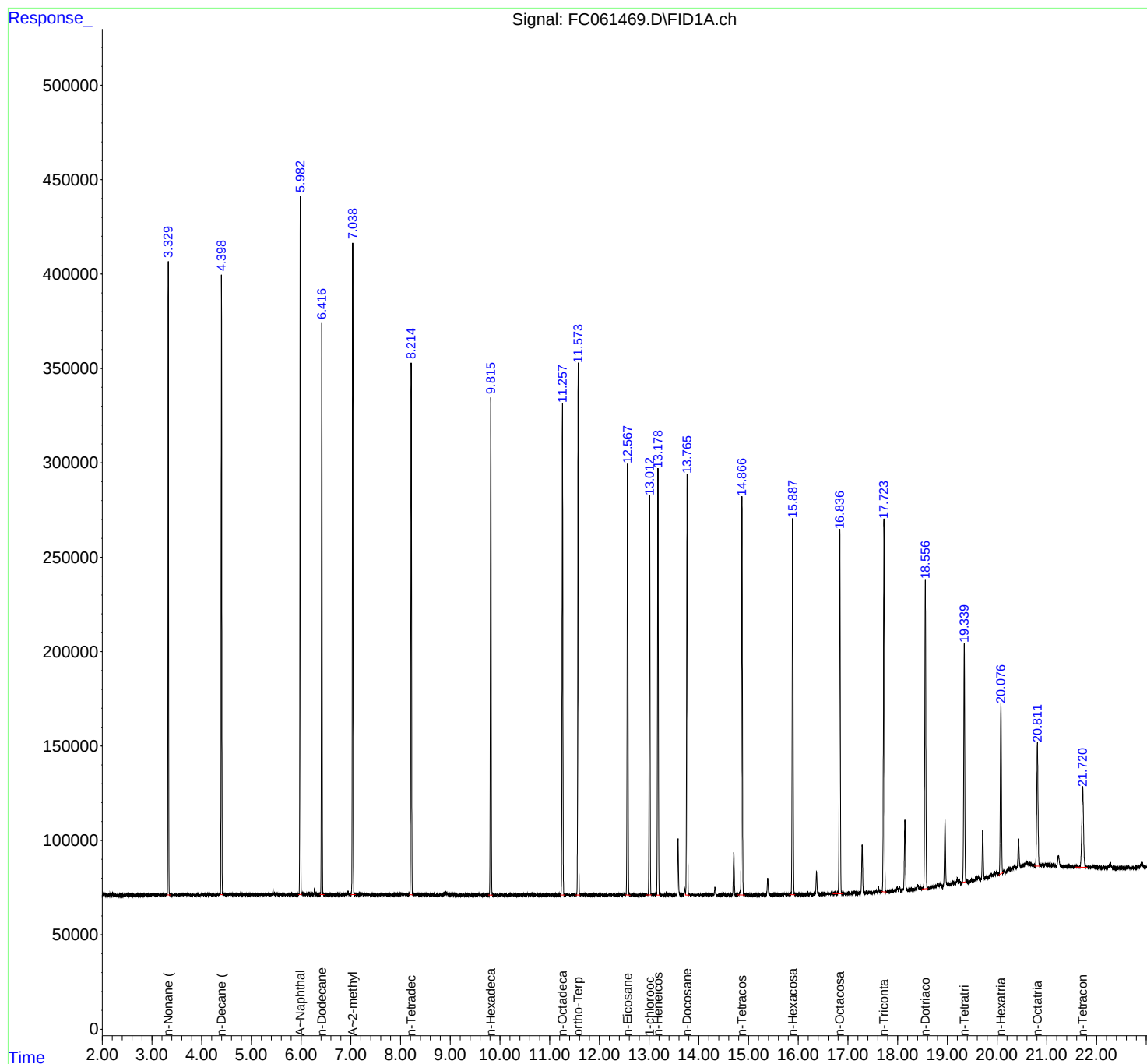
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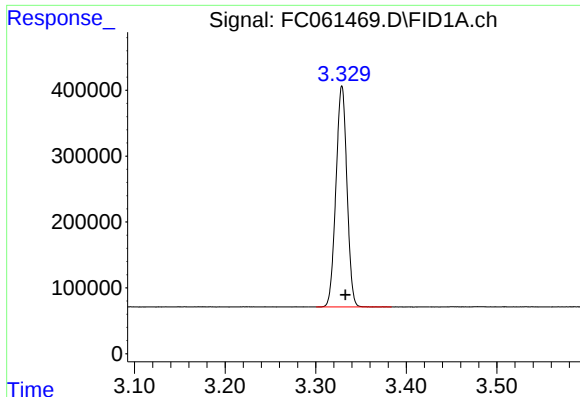
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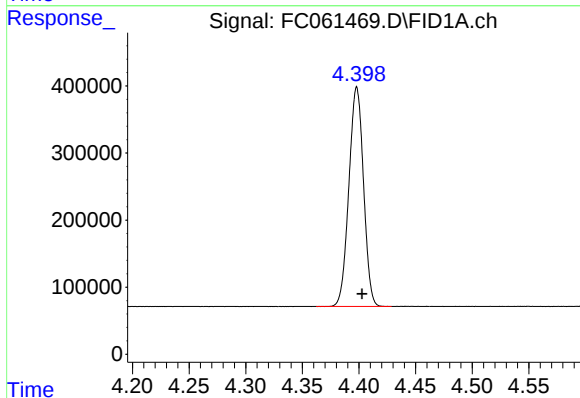
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 2829306
Conc: 18.71 ug/ml

Instrument :
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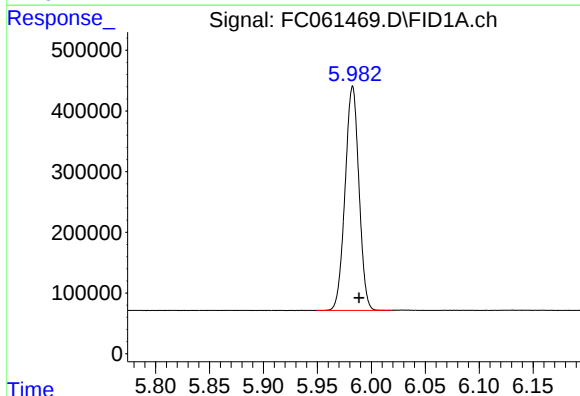
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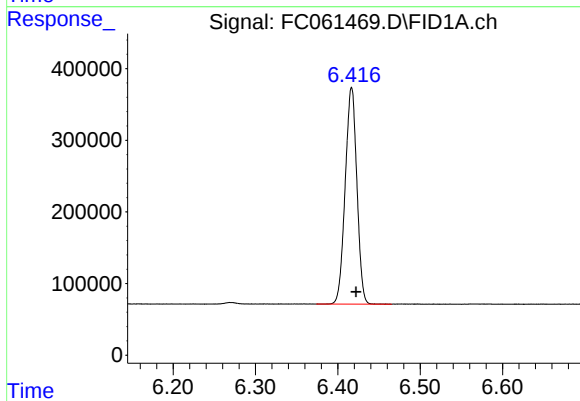
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 2940404
Conc: 19.38 ug/ml



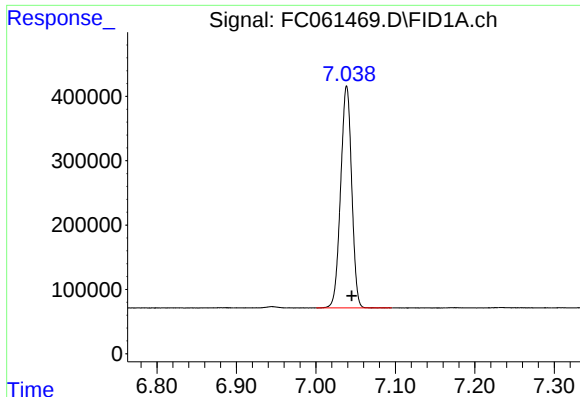
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.006 min
Response: 3306832
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 2976585
Conc: 19.22 ug/ml



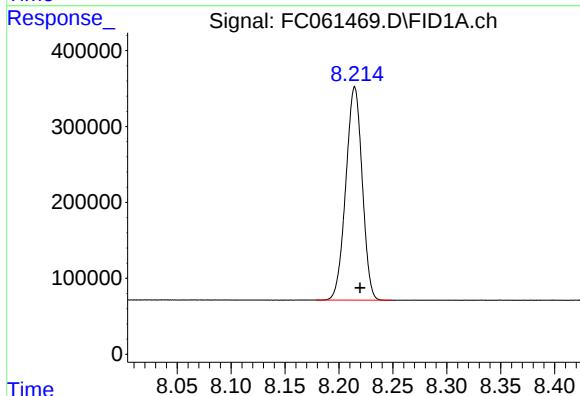
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 3332057
Conc: 18.92 ug/ml

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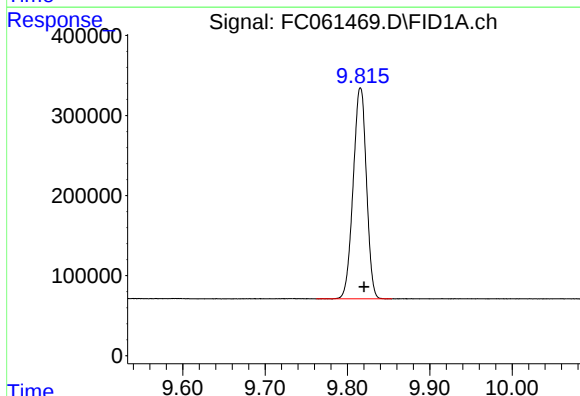
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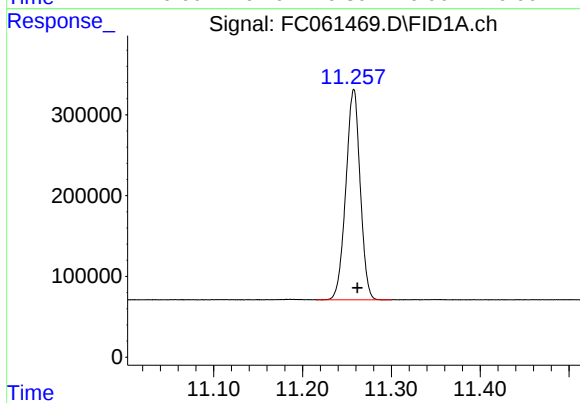
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 2972472
Conc: 19.00 ug/ml



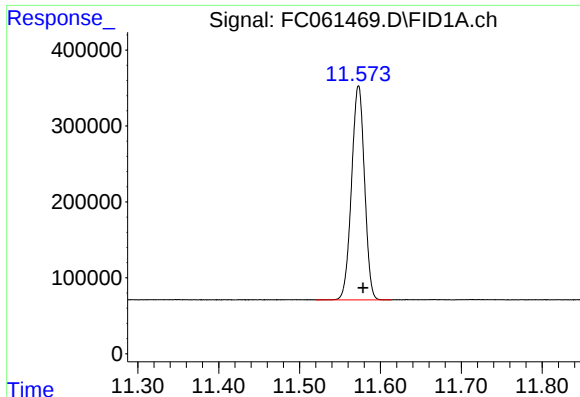
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 2952919
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.004 min
Response: 2925662
Conc: 18.54 ug/ml



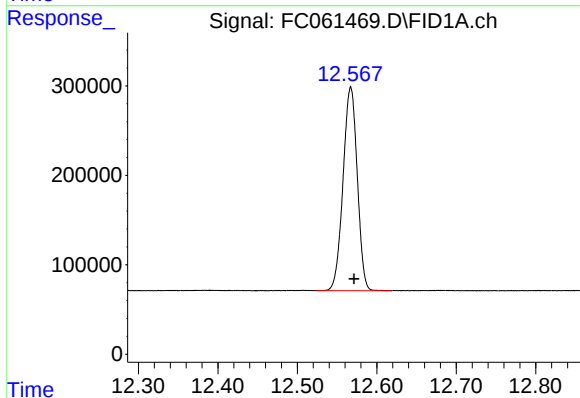
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.006 min
Response: 3139390
Conc: 17.73 ug/ml

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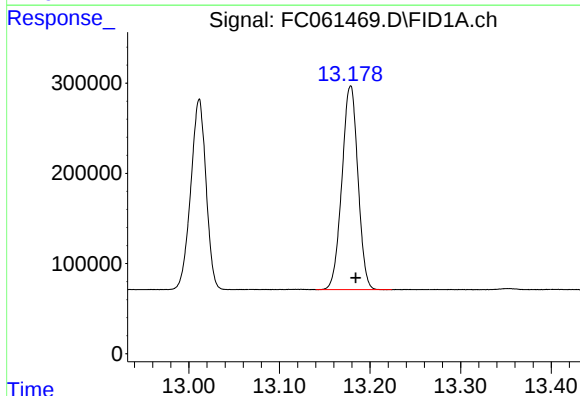
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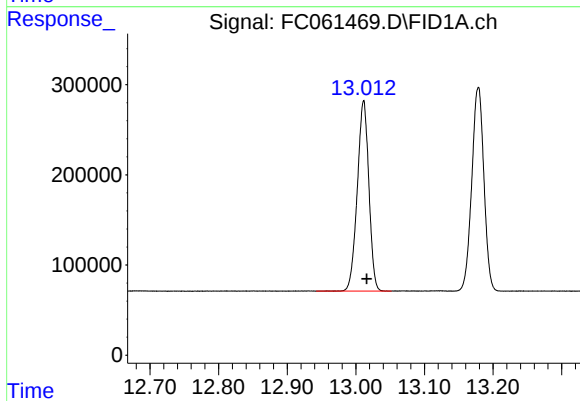
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2830012
Conc: 18.20 ug/ml



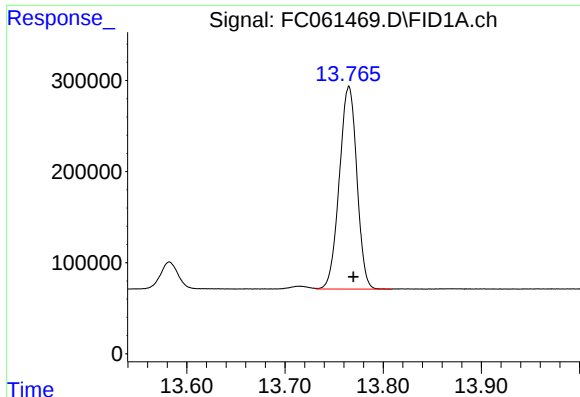
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.006 min
Response: 2777354
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.005 min
Response: 2473322
Conc: 17.66 ug/ml



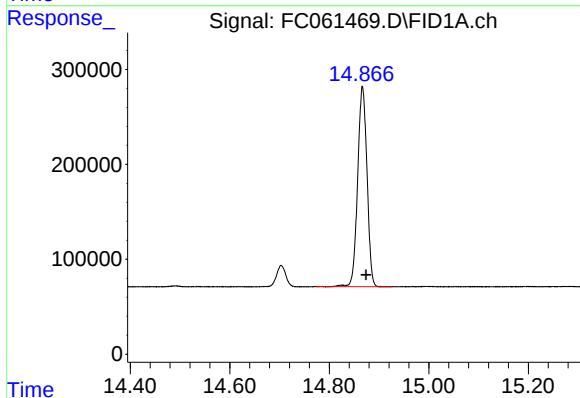
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 2760787
Conc: 17.79 ug/ml

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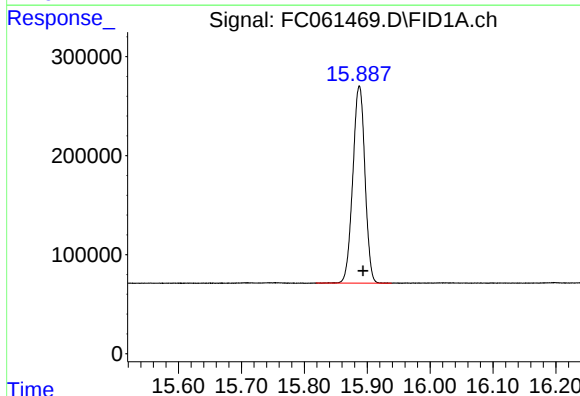
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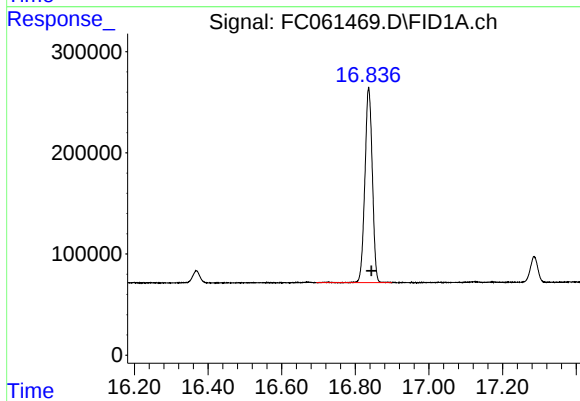
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.007 min
Response: 2754514
Conc: 17.81 ug/ml



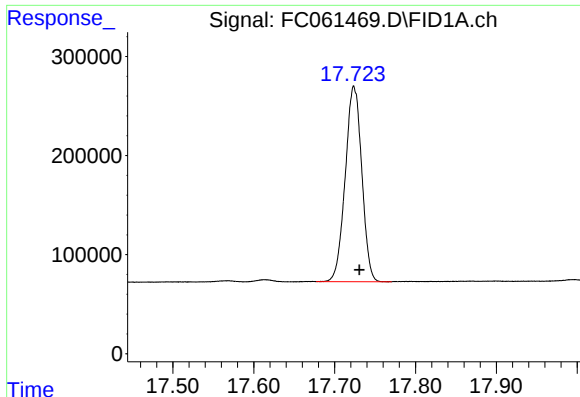
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.006 min
Response: 2670373
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.007 min
Response: 2692997
Conc: 18.23 ug/ml



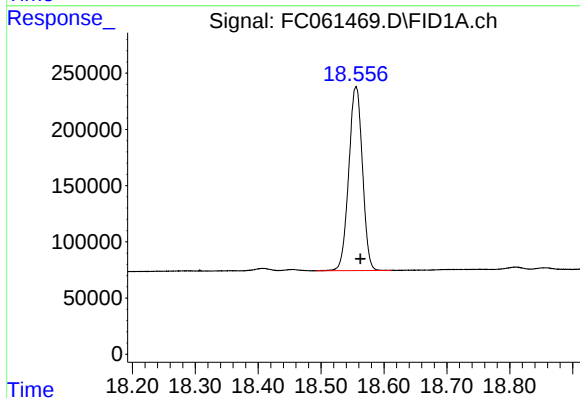
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.007 min
Response: 2805812
Conc: 20.31 ug/ml

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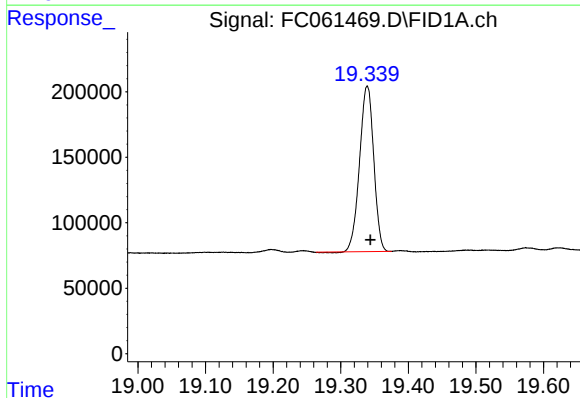
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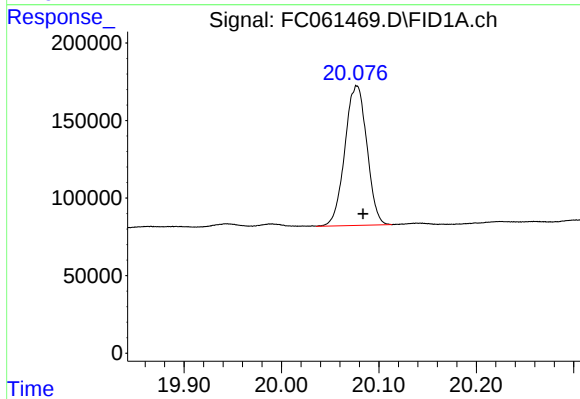
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.007 min
Response: 2472725
Conc: 22.53 ug/ml



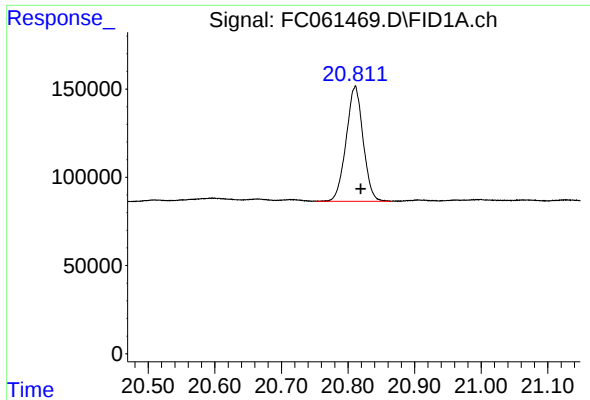
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.005 min
Response: 1838439
Conc: 23.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.008 min
Response: 1413233
Conc: 25.03 ug/ml m



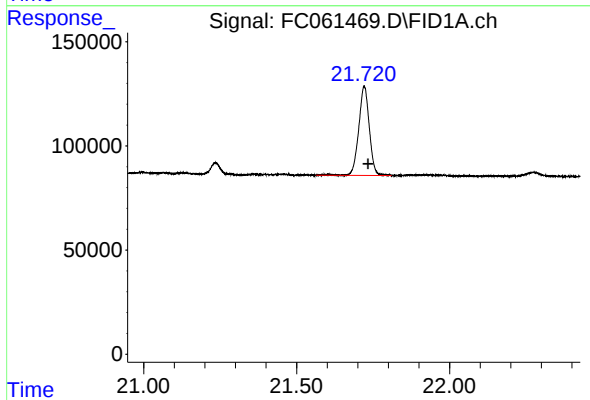
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.008 min
Response: 1150318
Conc: 24.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.012 min
Response: 1031574
Conc: 24.59 ug/ml