

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091522AL\
 Data File : FC061541.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2022 18:26
 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 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 15 18:56:13 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)	11.576	3105646	17.543 ug/ml
Spiked Amount 50.000		Recovery =	35.09%
12) S 1-chlorooctadecane (S...	13.014	2442064	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.328	2941402	19.455 ug/ml
2) T n-Decane (C10)	4.397	2963617	19.531 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3327868	19.225 ug/ml
4) T n-Dodecane (C12)	6.416	2988429	19.296 ug/ml
5) T A~2-methylnaphthalene...	7.041	3343085	18.986 ug/ml
6) T n-Tetradecane (C14)	8.215	2965647	18.960 ug/ml
7) T n-Hexadecane (C16)	9.817	2932764	18.724 ug/ml
8) T n-Octadecane (C18)	11.260	2894408	18.346 ug/ml
10) T n-Eicosane (C20)	12.570	2777045	17.864 ug/ml
11) T n-Heneicosane (C21)	13.183	2742970	17.536 ug/ml
13) T n-Docosane (C22)	13.769	2694830	17.366 ug/ml
14) T n-Tetracosane (C24)	14.871	2615475	16.907 ug/ml
15) T n-Hexacosane (C26)	15.893	2518416	16.733 ug/ml
16) T n-Octacosane (C28)	16.842	2487320	16.840 ug/ml
17) T n-Tricontane (C30)	17.730	2404120	17.406 ug/ml
18) T n-Dotriacontane (C32)	18.562	2046953	18.649 ug/ml
19) T n-Tetratriacontane (C34)	19.345	1483041	19.213 ug/ml
20) T n-Hexatriacontane (C36)	20.083	1126479	19.952 ug/ml
21) T n-Octatriacontane (C38)	20.819	1060608	22.862 ug/mlm
22) T n-Tetracontane (C40)	21.730	980833	23.384 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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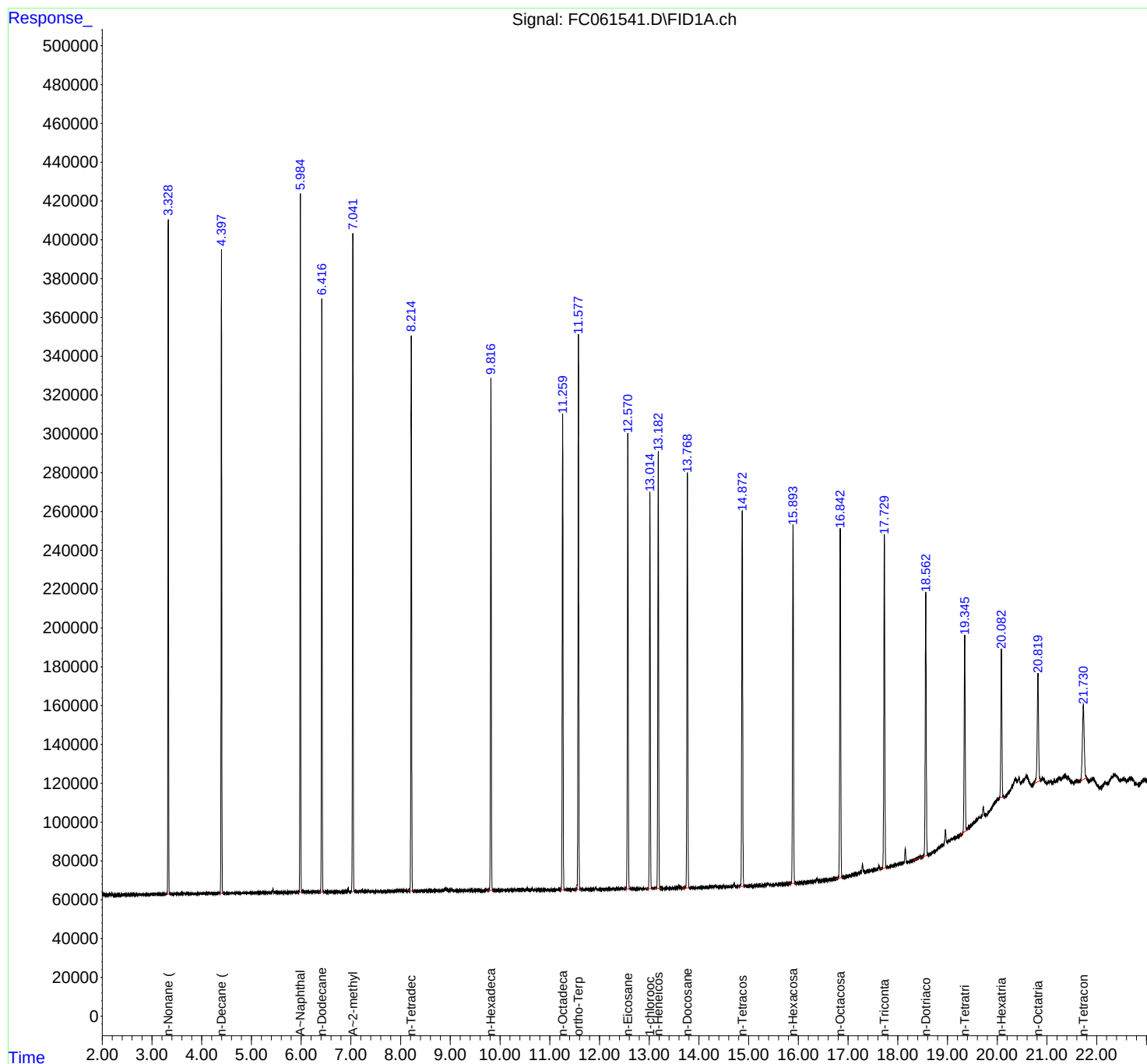
Instrument :
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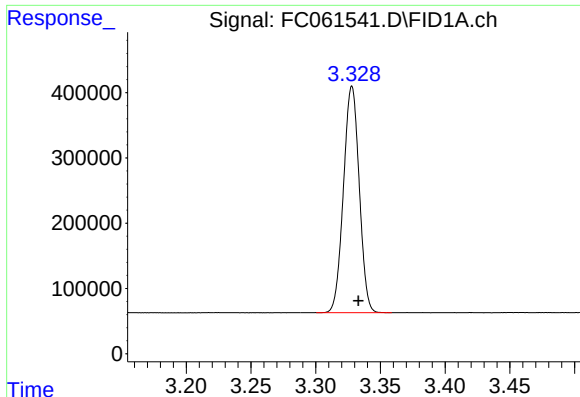
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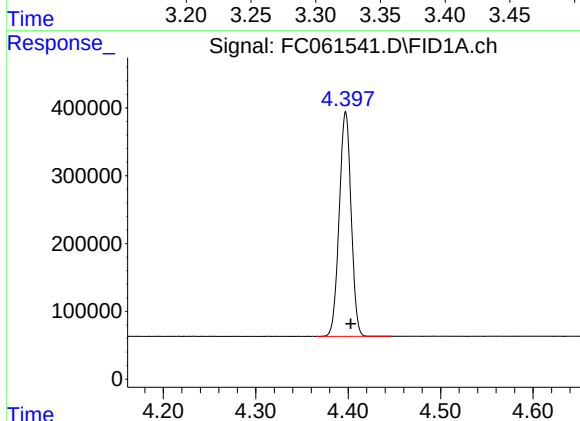
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.005 min
Response: 2941402
Conc: 19.46 ug/ml

Instrument :
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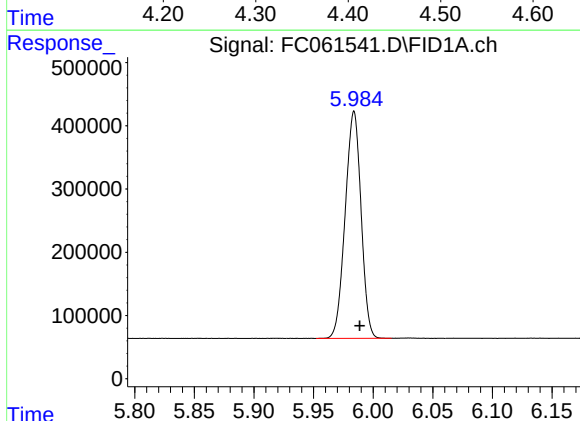
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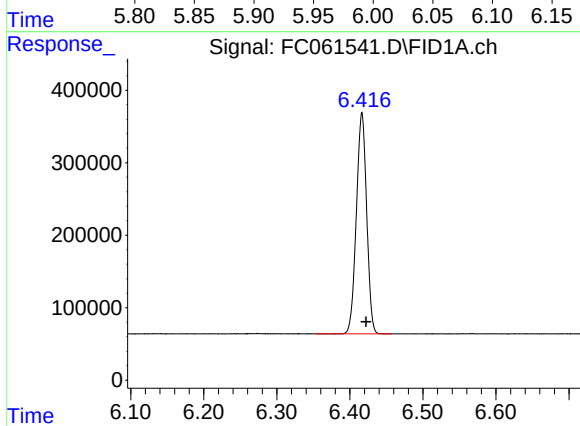
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.006 min
Response: 2963617
Conc: 19.53 ug/ml



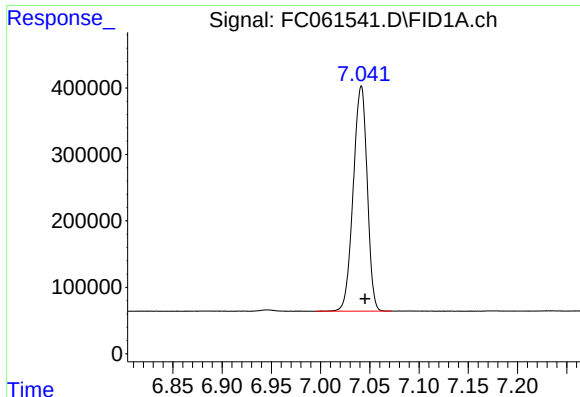
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.005 min
Response: 3327868
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 2988429
Conc: 19.30 ug/ml



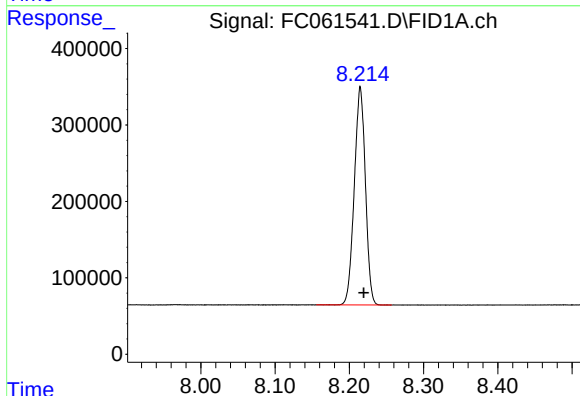
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 3343085
Conc: 18.99 ug/ml

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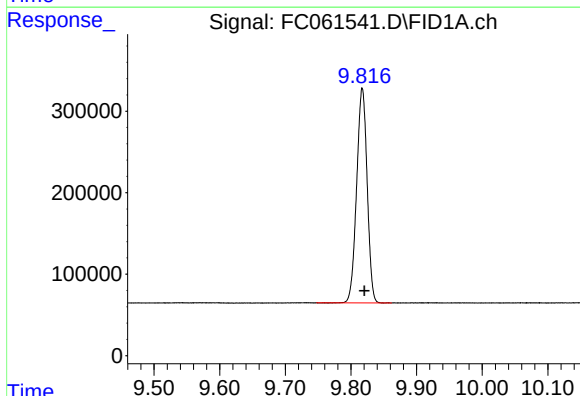
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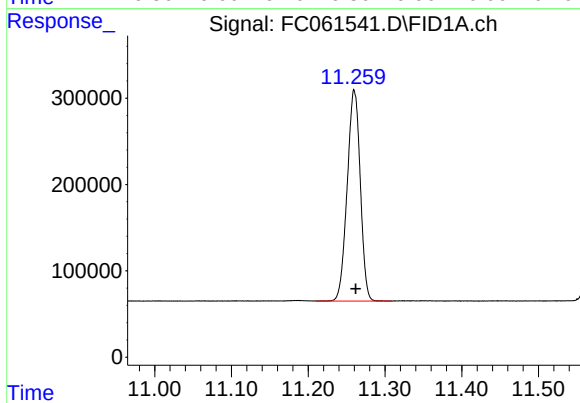
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 2965647
Conc: 18.96 ug/ml



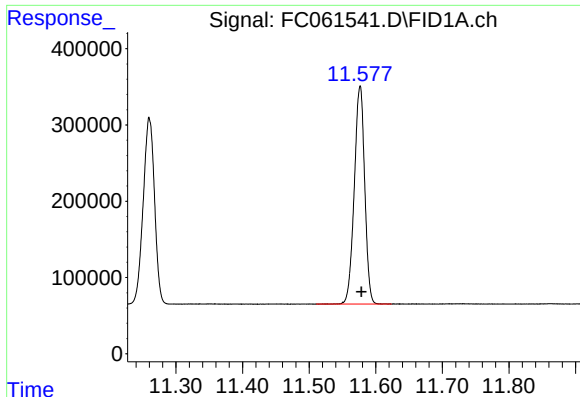
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.003 min
Response: 2932764
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.002 min
Response: 2894408
Conc: 18.35 ug/ml



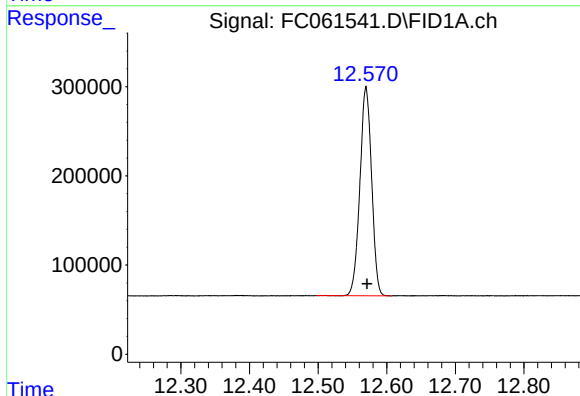
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 3105646
Conc: 17.54 ug/ml

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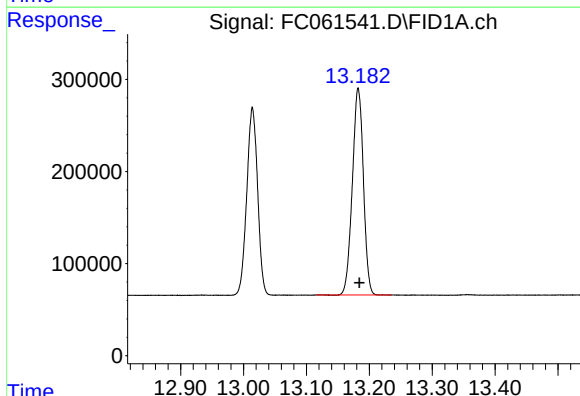
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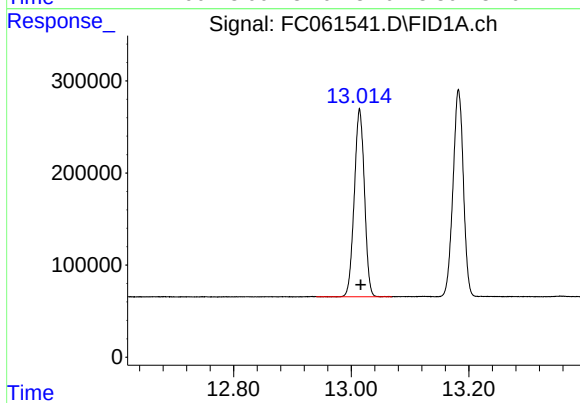
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2777045
Conc: 17.86 ug/ml



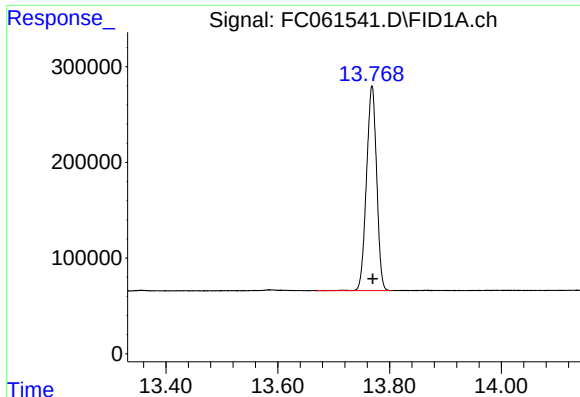
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.002 min
Response: 2742970
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: -0.002 min
Response: 2442064
Conc: 17.44 ug/ml



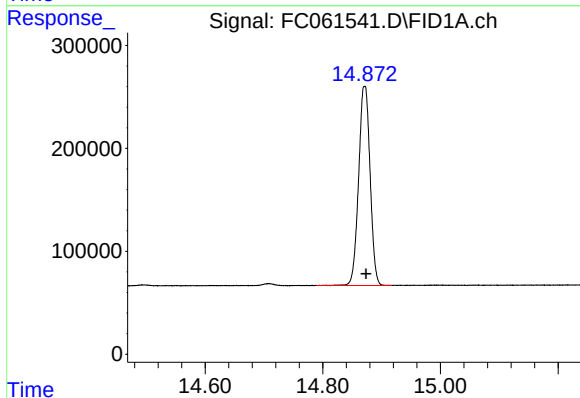
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: -0.001 min
Response: 2694830
Conc: 17.37 ug/ml

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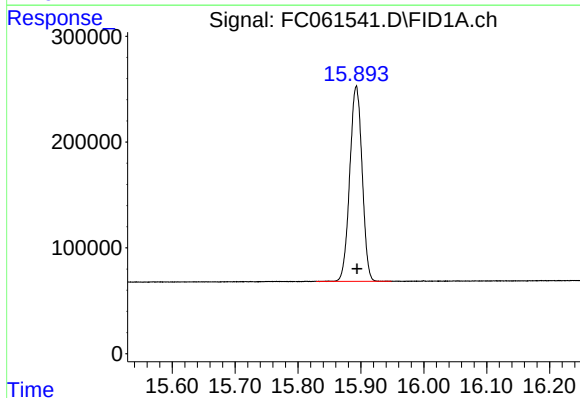
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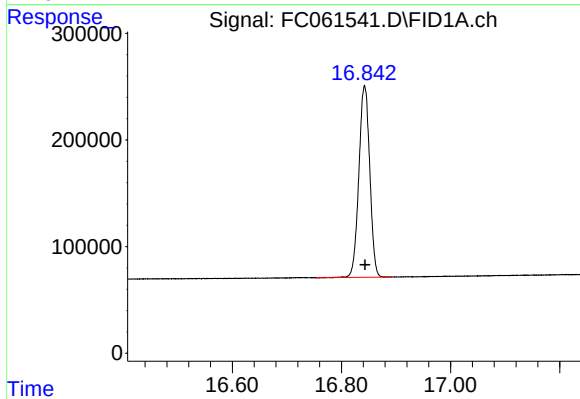
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 2615475
Conc: 16.91 ug/ml



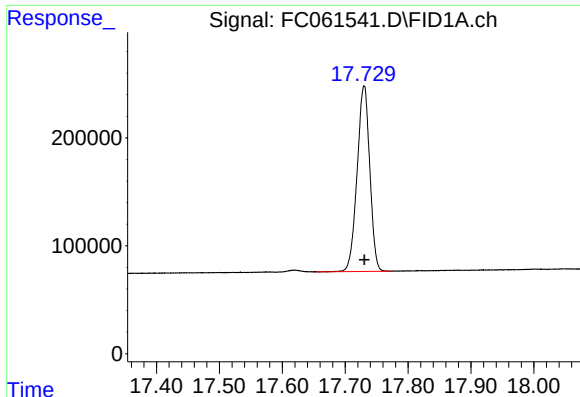
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.001 min
Response: 2518416
Conc: 16.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: -0.001 min
Response: 2487320
Conc: 16.84 ug/ml



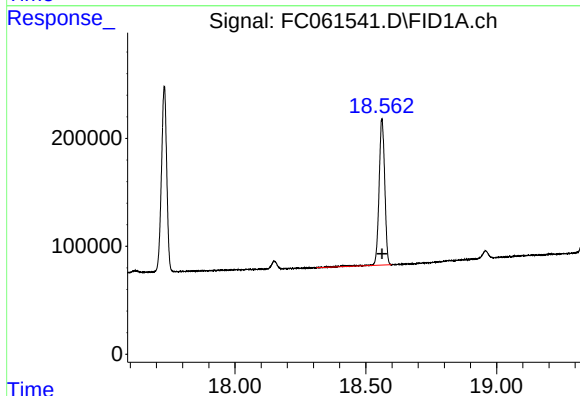
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 2404120
Conc: 17.41 ug/ml

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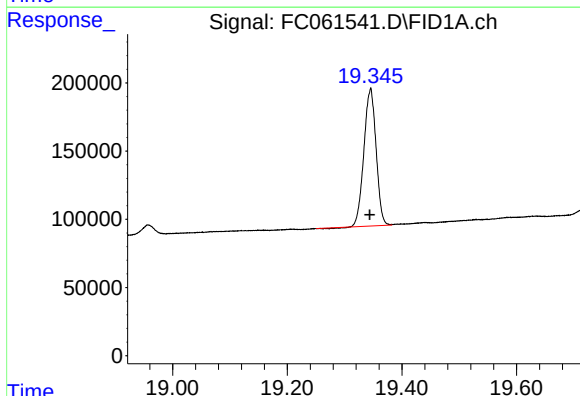
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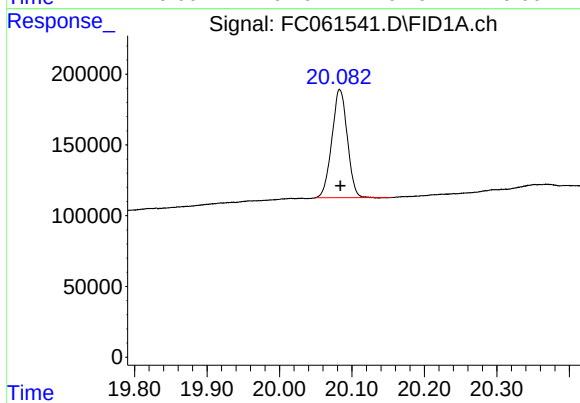
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.000 min
Response: 2046953
Conc: 18.65 ug/ml



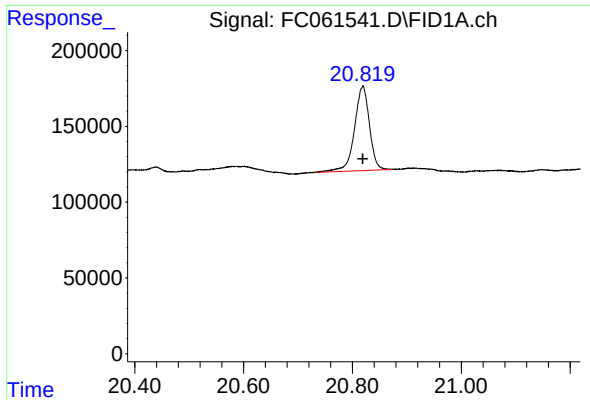
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: 0.000 min
Response: 1483041
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: 0.000 min
Response: 1126479
Conc: 19.95 ug/ml



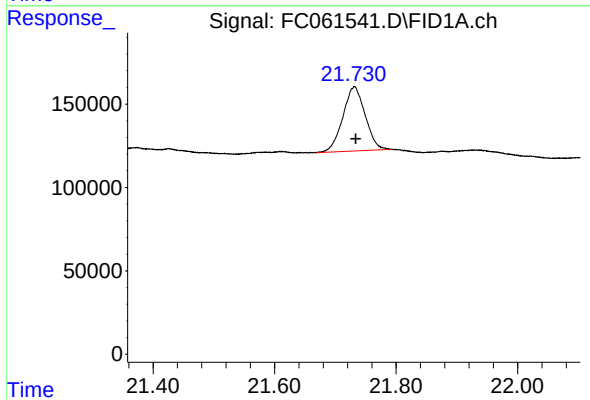
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 1060608
Conc: 22.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.003 min
Response: 980833
Conc: 23.38 ug/ml m