

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121323AL\
 Data File : FC065432.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2023 00:22
 Operator : YP/AJ
 Sample : 05793-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-12122023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :Ankita Jodhani 12/14/2023

Integration File: autoint1.e
 Quant Time: Dec 14 00:54:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 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)	11.504	8063349	34.755 ug/ml
Spiked Amount 50.000		Recovery =	69.51%
12) S 1-chlorooctadecane (S...	12.934	7027376	42.440 ug/ml
Spiked Amount 50.000		Recovery =	84.88%
Target Compounds			
1) T n-Nonane (C9)	3.303	6490237	32.412 ug/ml
2) T n-Decane (C10)	4.361	7405445	36.844 ug/ml
3) T A~Naphthalene (C11.7)	5.940	8664047	42.674 ug/ml
4) T n-Dodecane (C12)	6.371	8282300	40.728 ug/ml
5) T A~2-methylnaphthalene...	6.995	8769498	45.119 ug/ml
6) T n-Tetradecane (C14)	8.162	9069703	45.637 ug/ml
7) T n-Hexadecane (C16)	9.755	9484691	47.881 ug/ml
8) T n-Octadecane (C18)	11.190	9598970	48.464 ug/ml
10) T n-Eicosane (C20)	12.494	9625394	50.865 ug/ml
11) T n-Heneicosane (C21)	13.102	8941994	48.395 ug/ml
13) T n-Docosane (C22)	13.685	8867268	49.151 ug/ml
14) T n-Tetracosane (C24)	14.779	17666328	101.897 ug/ml
15) T n-Hexacosane (C26)	15.801	8223327	49.385 ug/ml
16) T n-Octacosane (C28)	16.746	8375028	52.363 ug/ml
17) T n-Tricontane (C30)	17.632	8217795	51.610 ug/ml
18) T n-Dotriacontane (C32)	18.458	8134382	51.744 ug/ml
19) T n-Tetratriacontane (C34)	19.236	7846800	50.848 ug/ml
20) T n-Hexatriacontane (C36)	19.977	7606722	49.624 ug/ml
21) T n-Octatriacontane (C38)	20.696	7506357	49.364 ug/ml
22) T n-Tetracontane (C40)	21.573	7678993	51.225 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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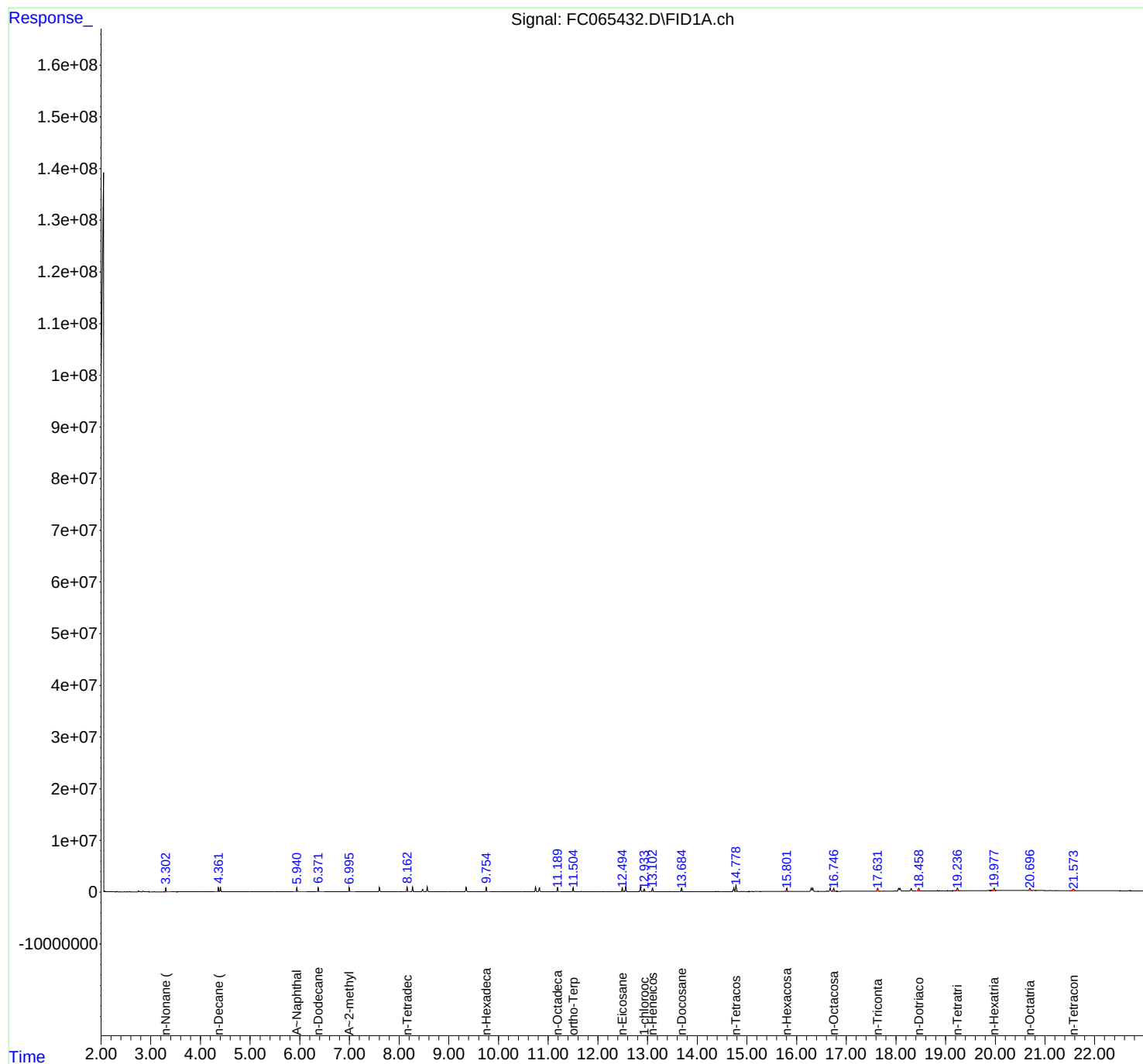
Instrument :
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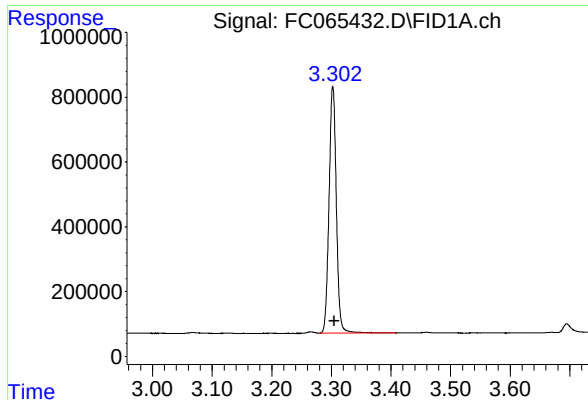
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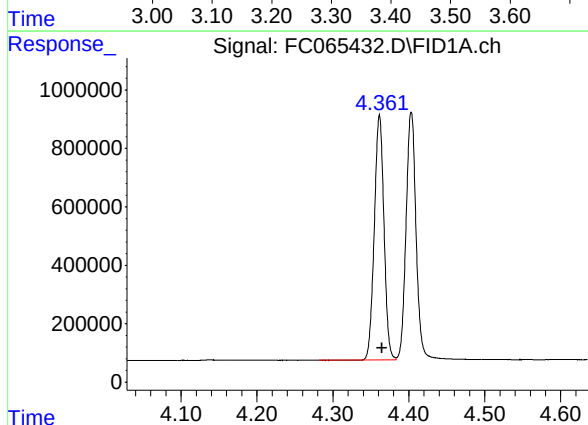
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 6490237
Conc: 32.41 ug/ml

Instrument :
FID_C
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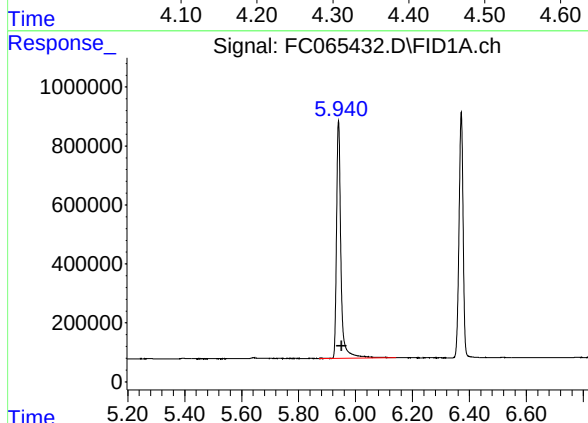
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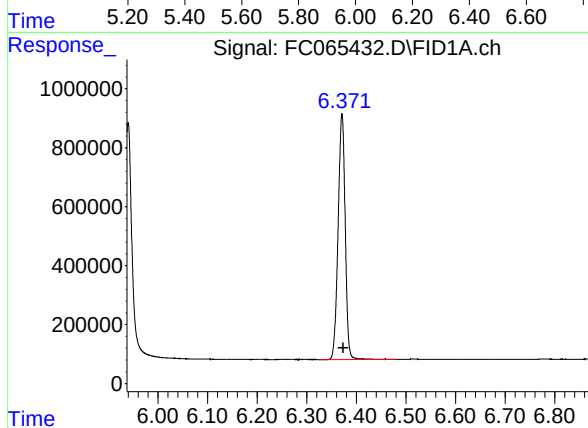
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 7405445
Conc: 36.84 ug/ml



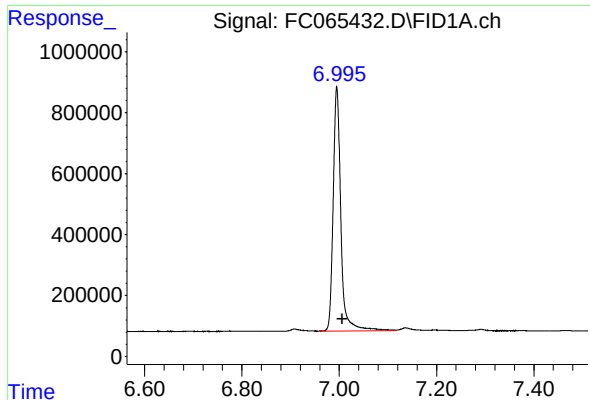
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 8664047
Conc: 42.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.003 min
Response: 8282300
Conc: 40.73 ug/ml



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

R.T.: 6.995 min
Delta R.T.: -0.012 min
Response: 8769498
Conc: 45.12 ug/ml

Instrument :

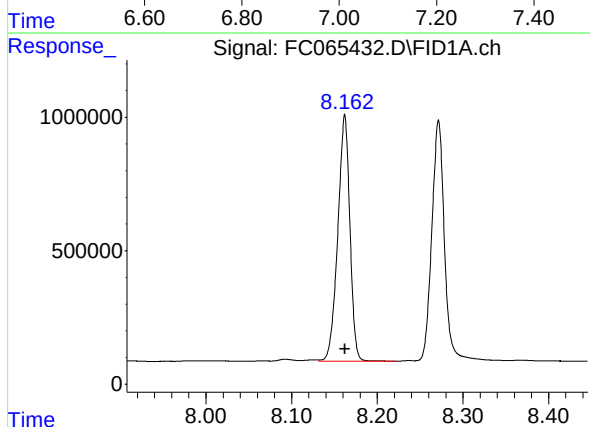
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ClientSampleId :

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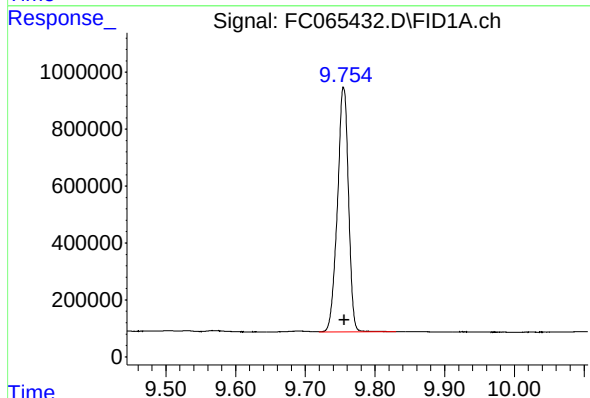
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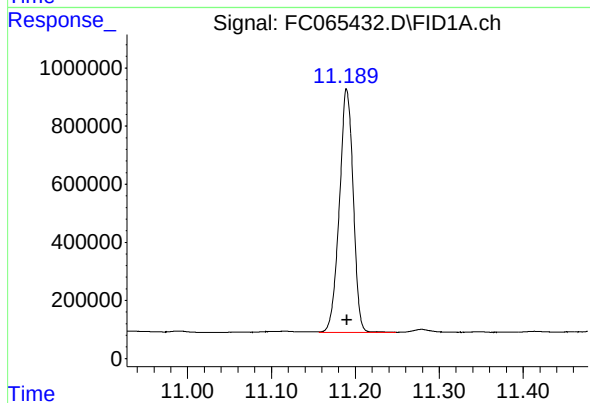
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 9069703
Conc: 45.64 ug/ml



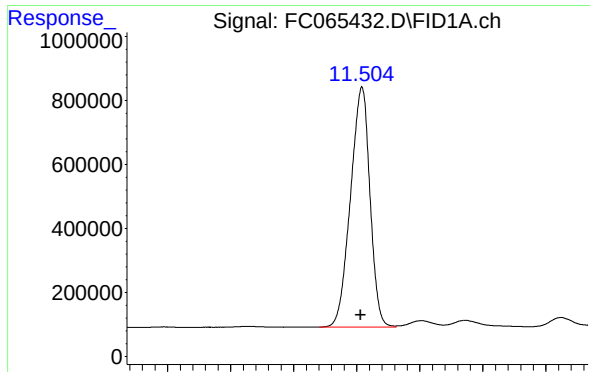
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 9484691
Conc: 47.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 9598970
Conc: 48.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.001 min
Response: 8063349
Conc: 34.76 ug/ml

Instrument :

FID_C

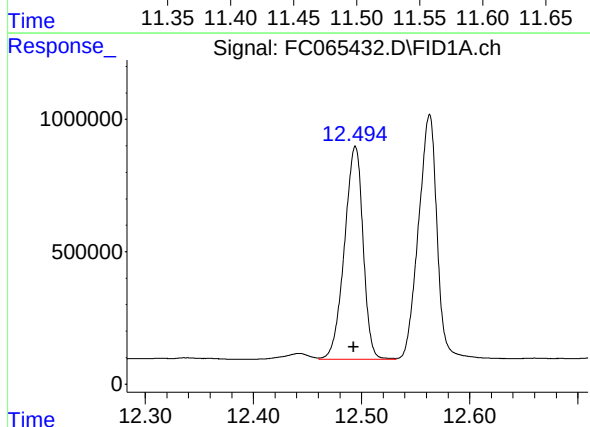
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Manual Integrations

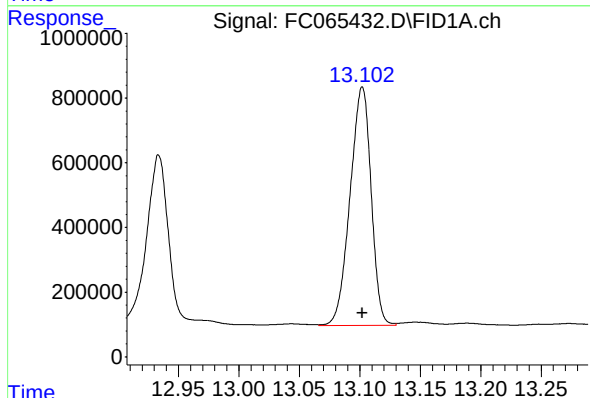
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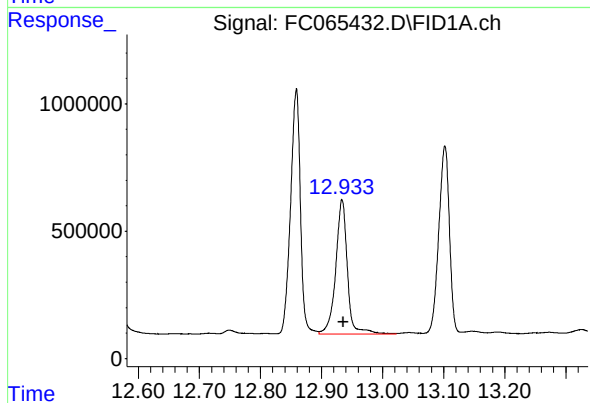
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.002 min
Response: 9625394
Conc: 50.86 ug/ml



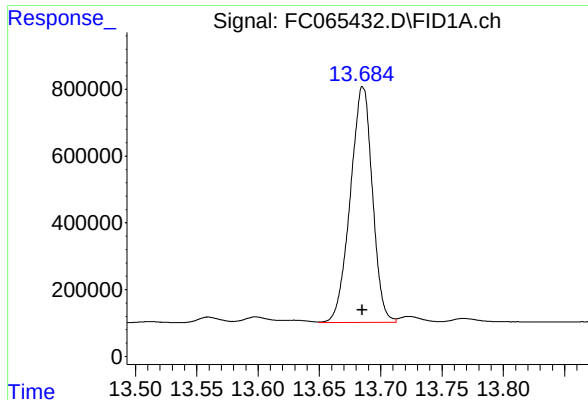
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 8941994
Conc: 48.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: -0.002 min
Response: 7027376
Conc: 42.44 ug/ml



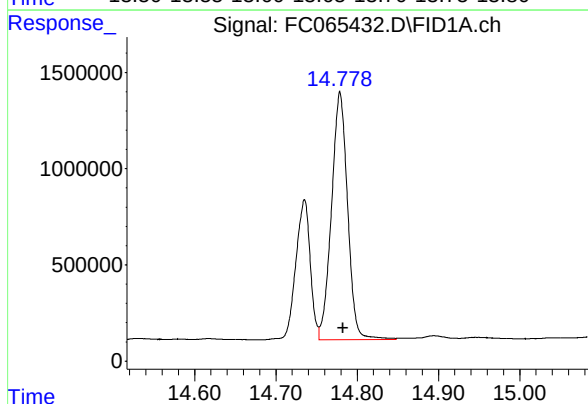
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 8867268
Conc: 49.15 ug/ml

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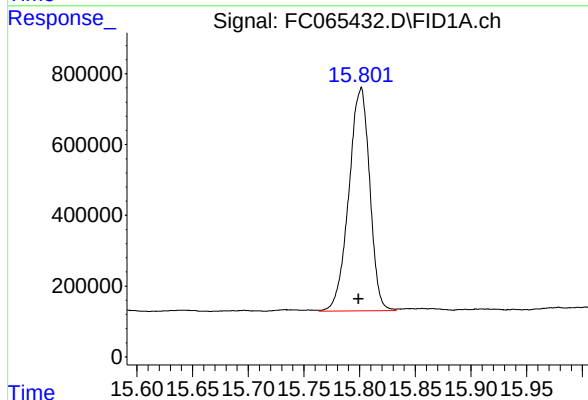
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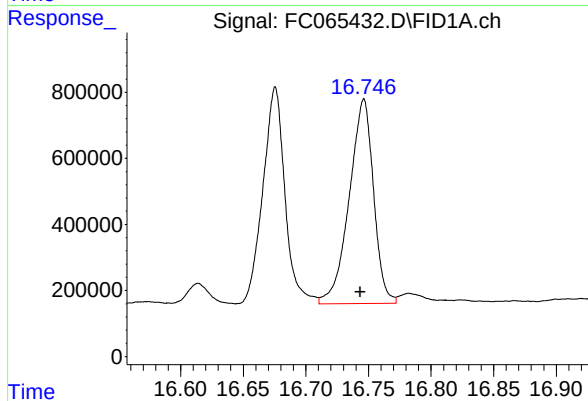
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.004 min
Response: 17666328
Conc: 101.90 ug/ml



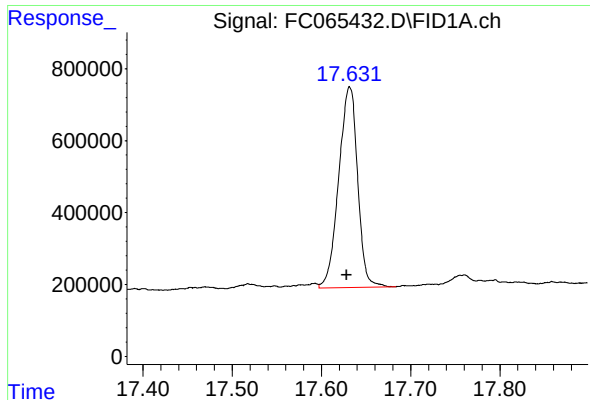
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: 0.002 min
Response: 8223327
Conc: 49.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.746 min
Delta R.T.: 0.003 min
Response: 8375028
Conc: 52.36 ug/ml



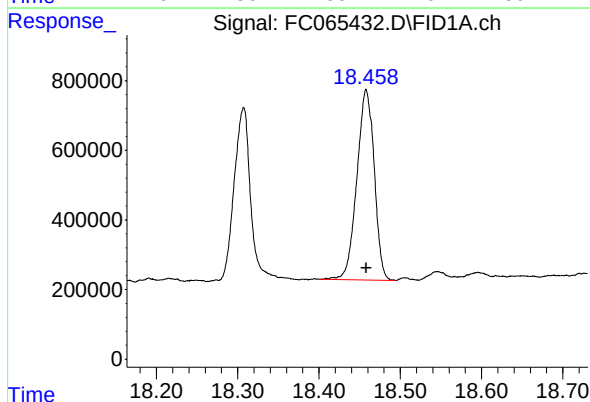
#17 n-Tricontane (C30)

R.T.: 17.632 min
Delta R.T.: 0.004 min
Response: 8217795
Conc: 51.61 ug/ml

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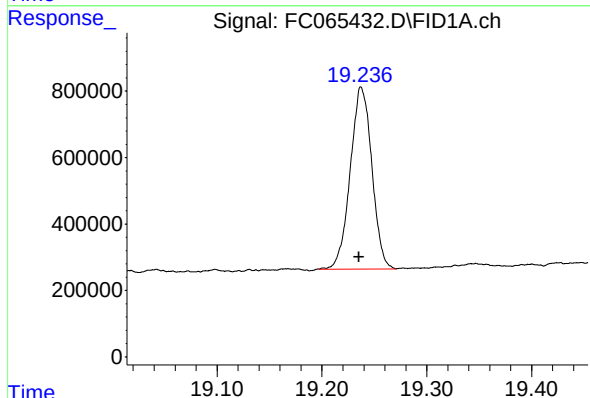
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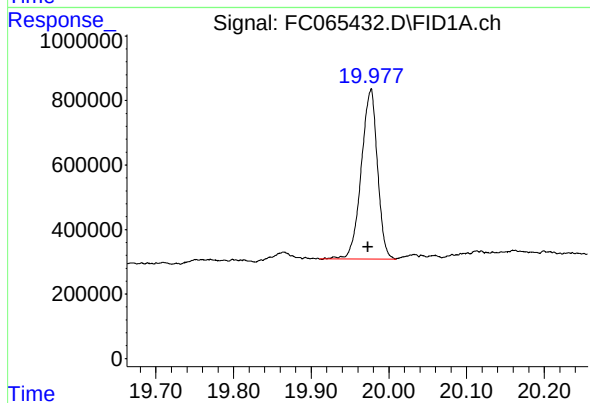
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 8134382
Conc: 51.74 ug/ml



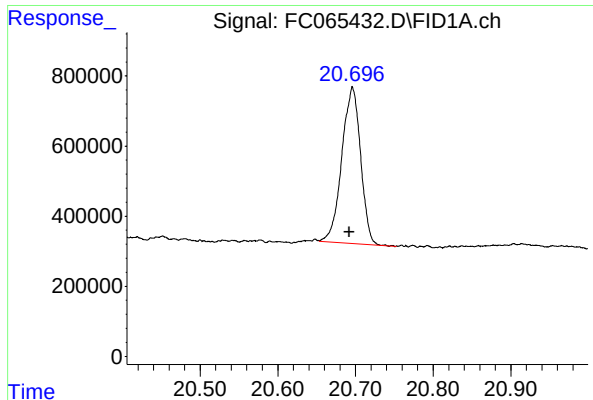
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.000 min
Response: 7846800
Conc: 50.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: 0.004 min
Response: 7606722
Conc: 49.62 ug/ml



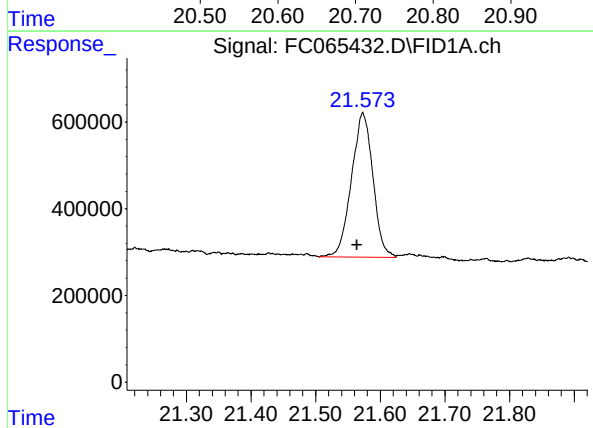
#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: 0.004 min
Response: 7506357
Conc: 49.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.573 min
Delta R.T.: 0.009 min
Response: 7678993
Conc: 51.23 ug/ml