

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081524AL\
 Data File : FC067011.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2024 17:37
 Operator : YP/AJ
 Sample : P3607-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

NB-08-08142024MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/16/2024

Supervised By :Ankita Jodhani 08/16/2024

Integration File: autoint1.e

Quant Time: Aug 16 02:04:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 15:57:40 2024

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)	11.515	5895322	38.725 ug/mlm
Spiked Amount 50.000		Recovery =	77.45%
12) S 1-chlorooctadecane (S...	12.953	4642852	42.854 ug/mlm
Spiked Amount 50.000		Recovery =	85.71%
Target Compounds			
1) T n-Nonane (C9)	3.285	4044657	27.520 ug/ml
2) T n-Decane (C10)	4.350	4641150	30.972 ug/ml
3) T A~Naphthalene (C11.7)	5.928	5309240	33.373 ug/ml
4) T n-Dodecane (C12)	6.366	5606329	37.365 ug/ml
5) T A~2-methylnaphthalene...	6.985	5871062	39.039 ug/ml
6) T n-Tetradecane (C14)	8.163	7512152	51.811 ug/ml
7) T n-Hexadecane (C16)	9.763	8602527	58.695 ug/ml
8) T n-Octadecane (C18)	11.205	8743292	59.989 ug/ml
10) T n-Eicosane (C20)	12.514	7846982	57.300 ug/ml
11) T n-Heneicosane (C21)	13.124	7347861	55.139 ug/ml
13) T n-Docosane (C22)	13.709	6410928	48.652 ug/ml
14) T n-Tetracosane (C24)	14.810	5387401	41.568 ug/ml
15) T n-Hexacosane (C26)	15.832	5358128	42.242 ug/ml
16) T n-Octacosane (C28)	16.780	5397484	43.456 ug/ml
17) T n-Tricontane (C30)	17.668	5125064	40.781 ug/mlm
18) T n-Dotriacontane (C32)	18.500	5002145	40.497 ug/ml
19) T n-Tetratriacontane (C34)	19.282	5016473	41.835 ug/ml
20) T n-Hexatriacontane (C36)	20.023	4640123	41.096 ug/ml
21) T n-Octatriacontane (C38)	20.749	4741829	43.525 ug/ml
22) T n-Tetracontane (C40)	21.647	4287244	41.969 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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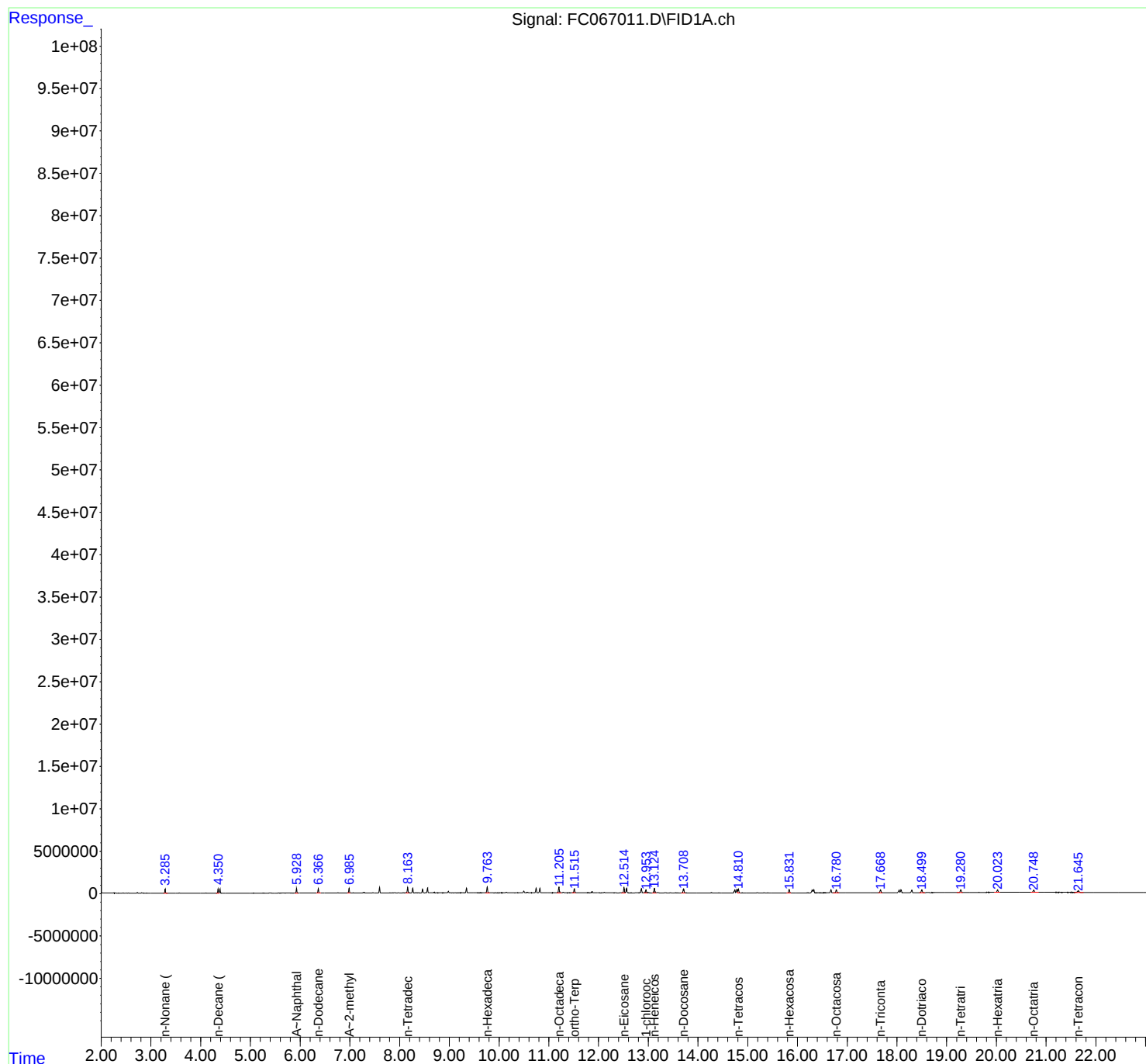
Instrument :
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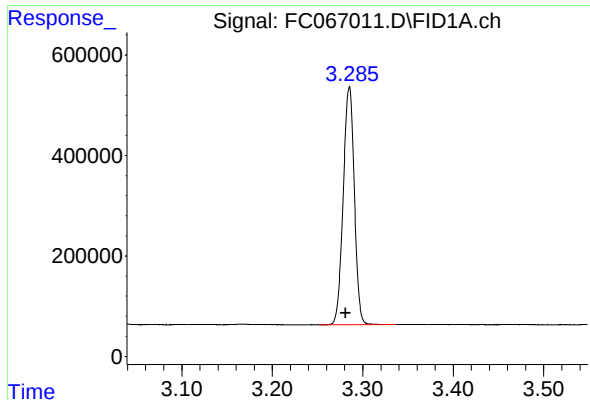
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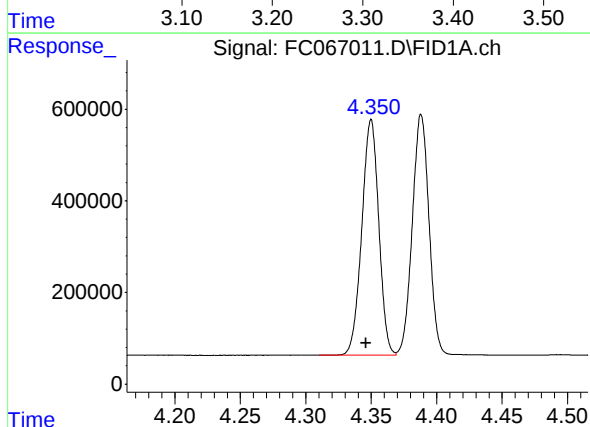
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.004 min
Response: 4044657
Conc: 27.52 ug/ml

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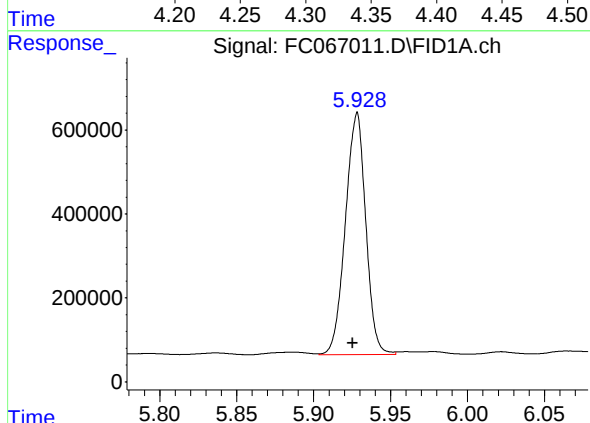
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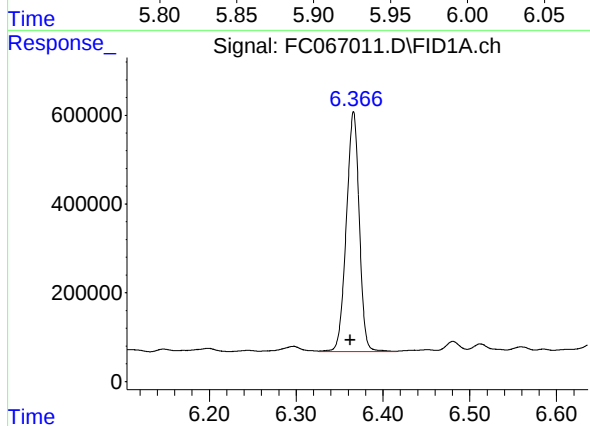
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.004 min
Response: 4641150
Conc: 30.97 ug/ml



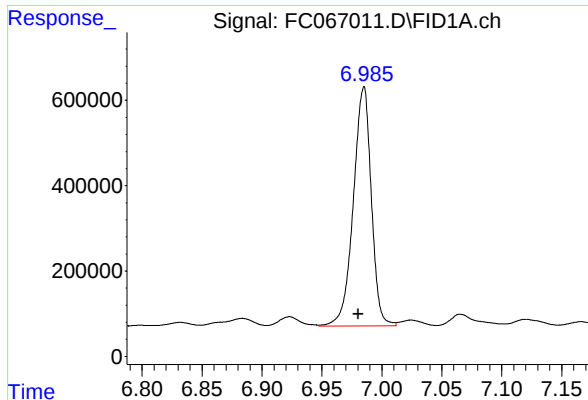
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 5309240
Conc: 33.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.004 min
Response: 5606329
Conc: 37.37 ug/ml



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

R.T.: 6.985 min
Delta R.T.: 0.004 min
Response: 5871062
Conc: 39.04 ug/ml

Instrument :

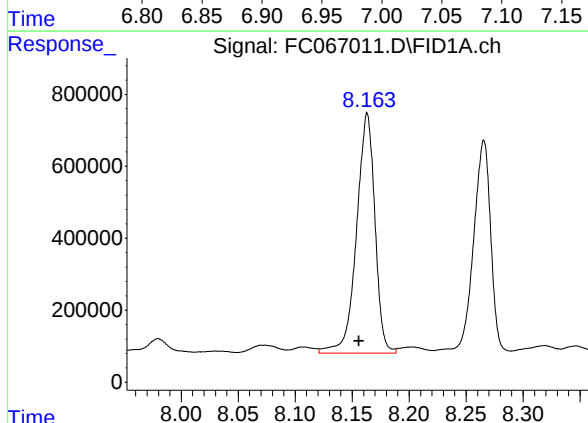
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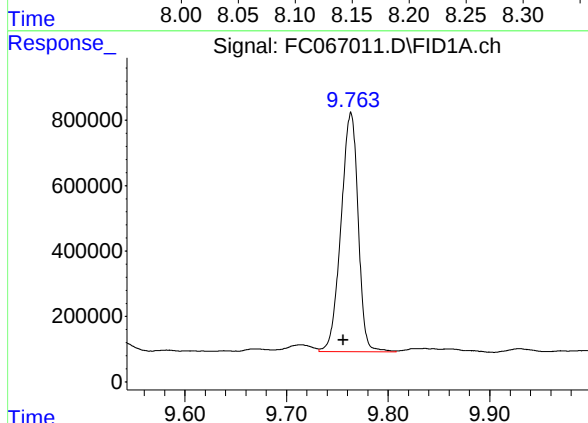
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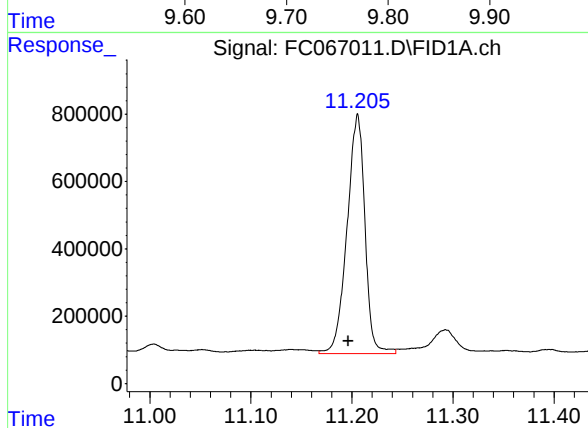
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.007 min
Response: 7512152
Conc: 51.81 ug/ml



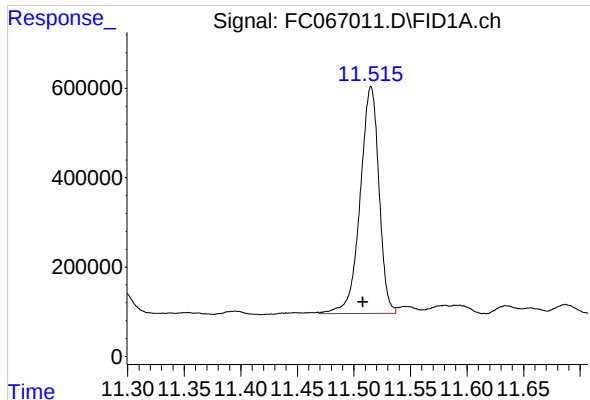
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.007 min
Response: 8602527
Conc: 58.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: 0.009 min
Response: 8743292
Conc: 59.99 ug/ml



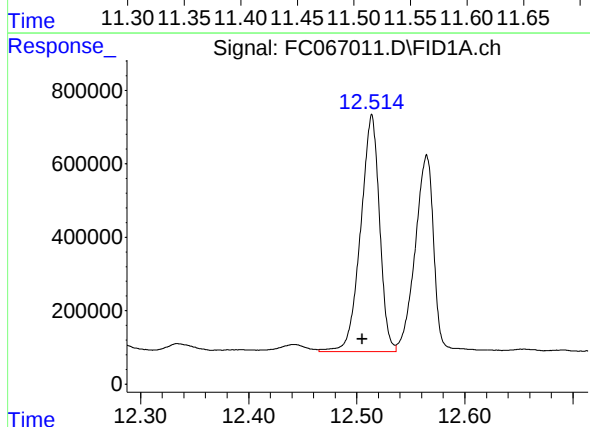
#9 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: 0.007 min
Response: 5895322
Conc: 38.73 ug/ml

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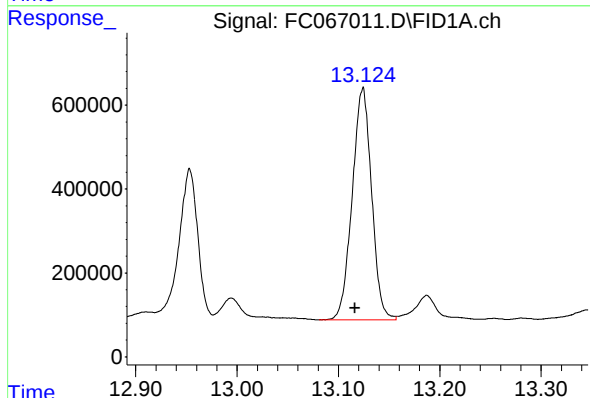
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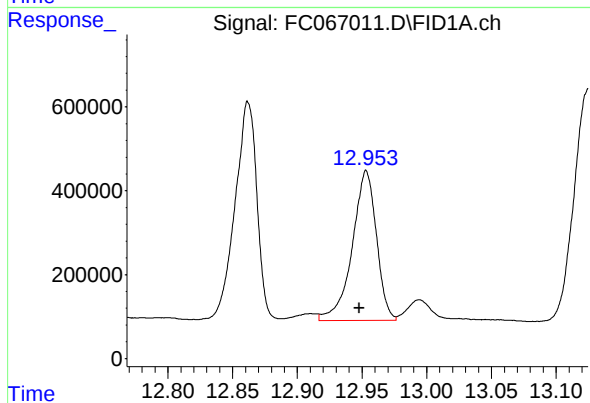
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.009 min
Response: 7846982
Conc: 57.30 ug/ml



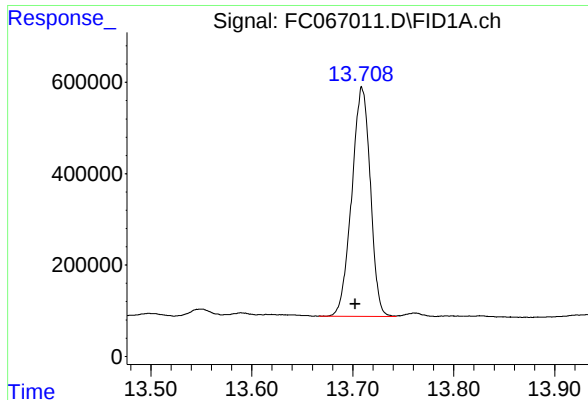
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.008 min
Response: 7347861
Conc: 55.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.005 min
Response: 4642852
Conc: 42.85 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: 0.007 min
Response: 6410928
Conc: 48.65 ug/ml

Instrument :

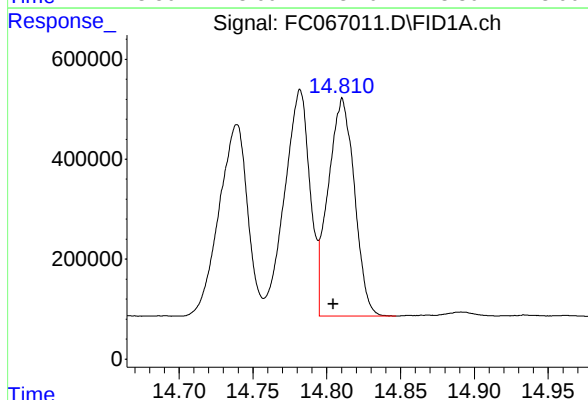
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ClientSampleId :

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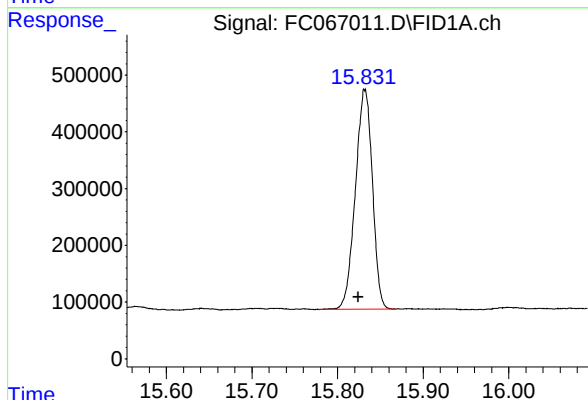
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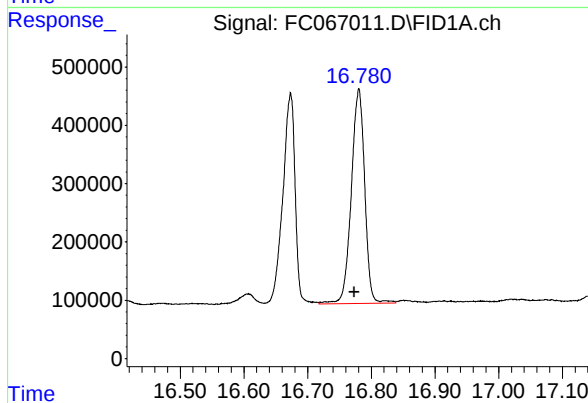
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: 0.006 min
Response: 5387401
Conc: 41.57 ug/ml



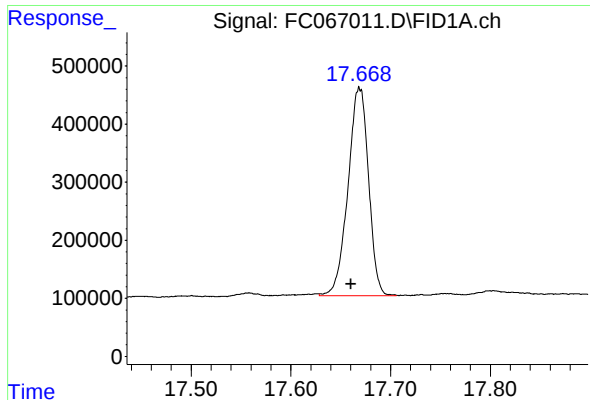
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.008 min
Response: 5358128
Conc: 42.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.007 min
Response: 5397484
Conc: 43.46 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: 0.008 min
Response: 5125064
Conc: 40.78 ug/ml

Instrument :

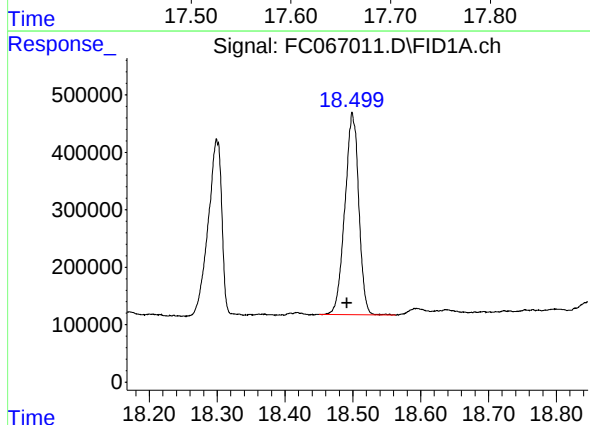
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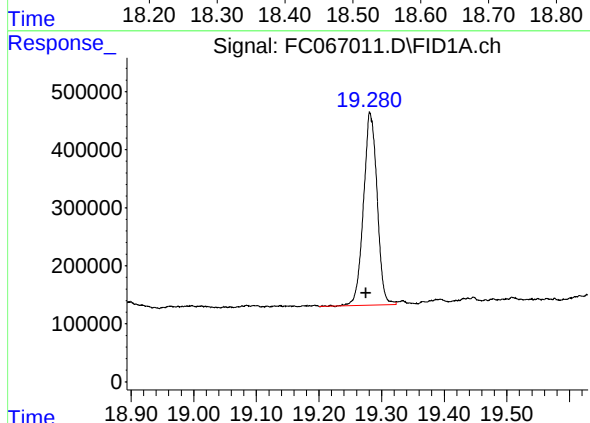
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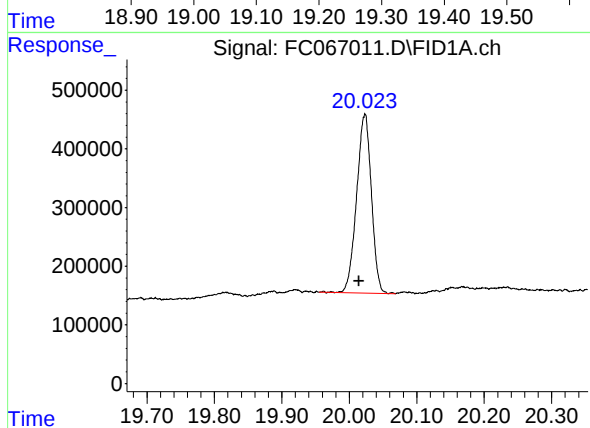
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.008 min
Response: 5002145
Conc: 40.50 ug/ml



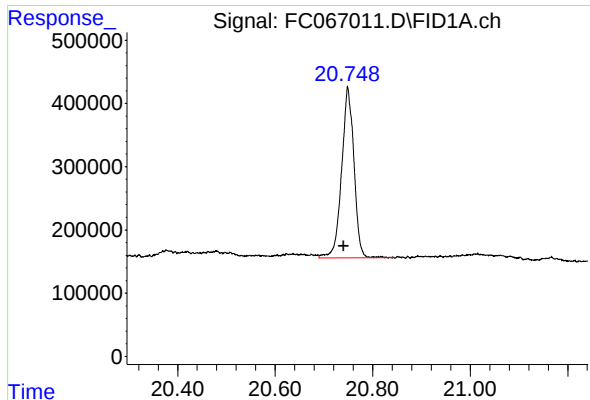
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.007 min
Response: 5016473
Conc: 41.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: 0.008 min
Response: 4640123
Conc: 41.10 ug/ml



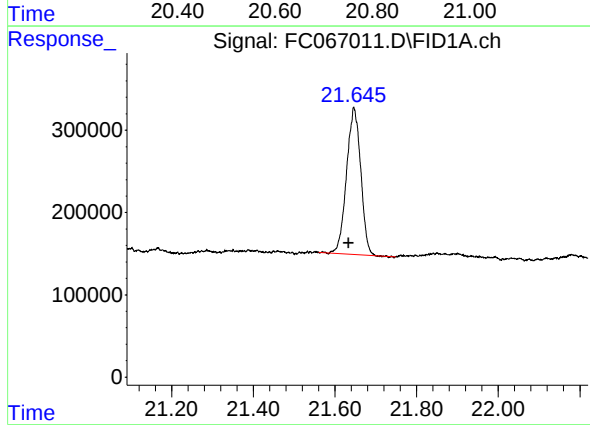
#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: 0.008 min
Response: 4741829
Conc: 43.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.014 min
Response: 4287244
Conc: 41.97 ug/ml