

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041323AL\
 Data File : FC063370.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2023 19:05
 Operator : YP/AJ
 Sample : 02284-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-2-041123MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File: autoint1.e
 Quant Time: Apr 14 01:35:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.535	5058097	33.245 ug/ml
Spiked Amount 50.000		Recovery =	66.49%
12) S 1-chlorooctadecane (S...	12.973	4251041	38.420 ug/ml
Spiked Amount 50.000		Recovery =	76.84%
Target Compounds			
1) T n-Nonane (C9)	3.298	3680950	26.218 ug/ml
2) T n-Decane (C10)	4.366	4223099	30.990 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4876243	32.293 ug/ml
4) T n-Dodecane (C12)	6.385	4747677	35.292 ug/ml
5) T A~2-methylnaphthalene...	7.007	4909143	35.246 ug/ml
6) T n-Tetradecane (C14)	8.181	5235650	38.675 ug/ml
7) T n-Hexadecane (C16)	9.780	5609123	41.305 ug/ml
8) T n-Octadecane (C18)	11.221	5588578	40.347 ug/ml
10) T n-Eicosane (C20)	12.529	5799134	43.164 ug/ml
11) T n-Heneicosane (C21)	13.140	5511748	40.953 ug/ml
13) T n-Docosane (C22)	13.725	5656089	42.414 ug/ml
14) T n-Tetracosane (C24)	14.826	4096575	30.468 ug/ml
15) T n-Hexacosane (C26)	15.848	5717889	42.718 ug/ml
16) T n-Octacosane (C28)	16.796	5727454	42.300 ug/ml
17) T n-Tricontane (C30)	17.685	5947710	42.995 ug/ml
18) T n-Dotriacontane (C32)	18.513	5556845	39.361 ug/ml
19) T n-Tetratriacontane (C34)	19.296	6034479	43.727 ug/ml
20) T n-Hexatriacontane (C36)	20.037	5336021	41.747 ug/ml
21) T n-Octatriacontane (C38)	20.766	5324829	43.245 ug/ml
22) T n-Tetracontane (C40)	21.674	5961912	50.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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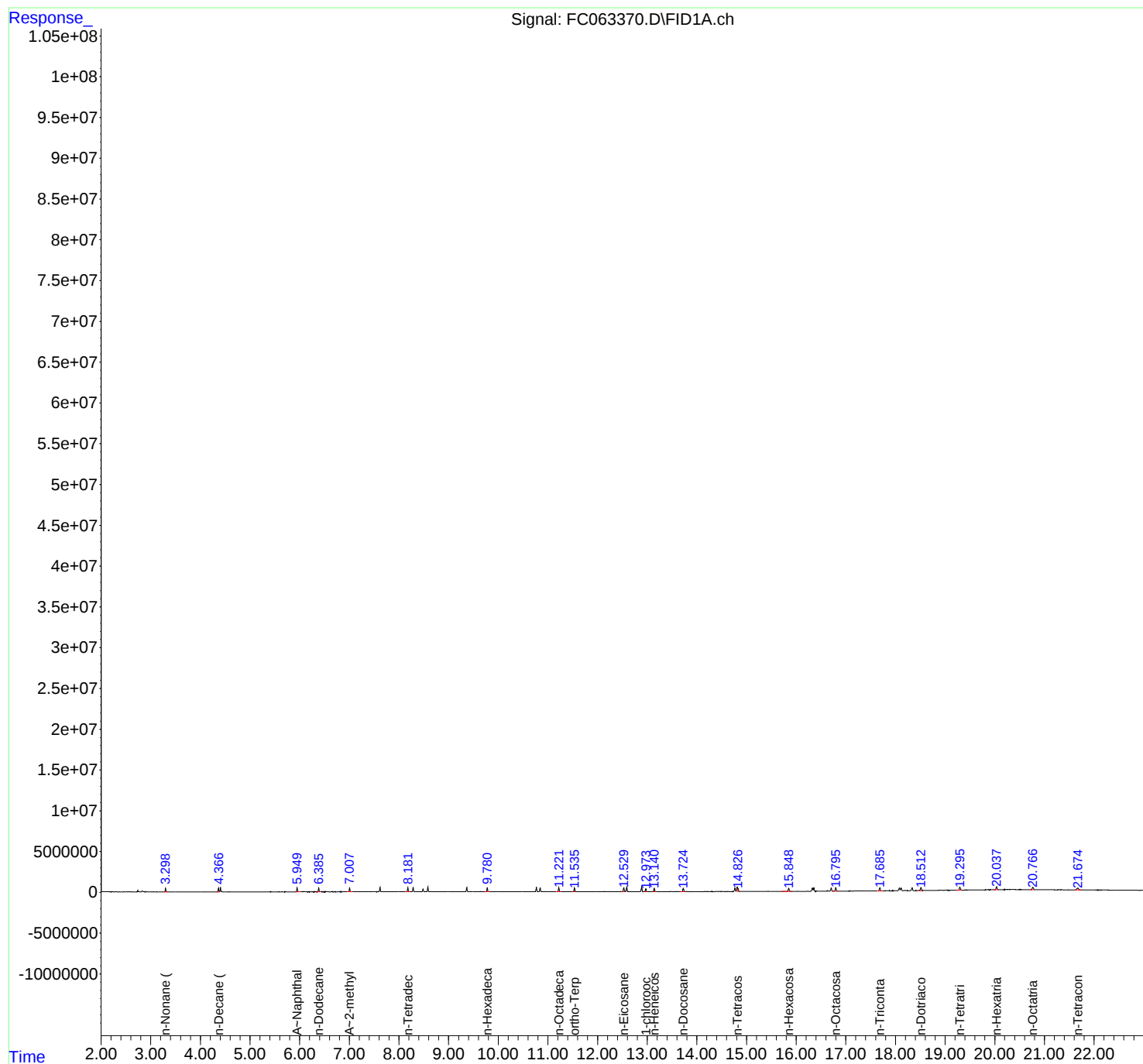
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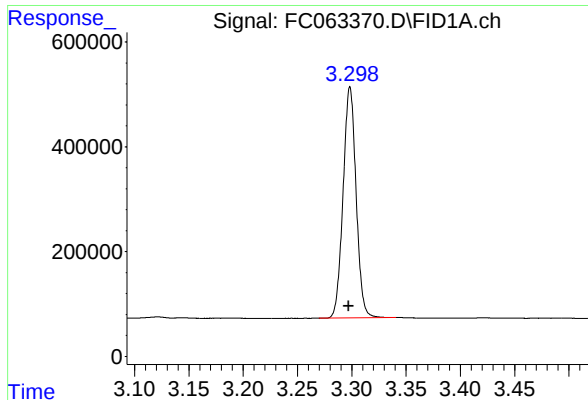
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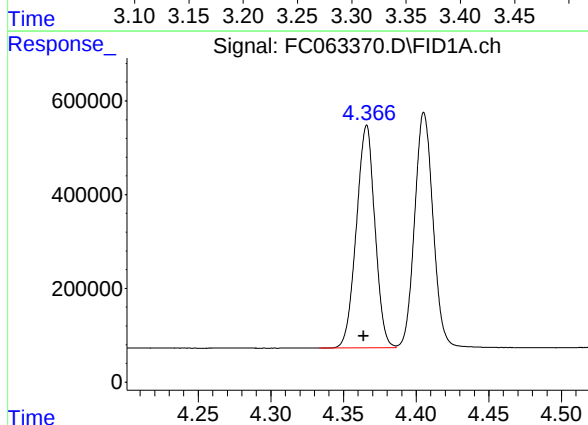
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.001 min
Response: 3680950
Conc: 26.22 ug/ml

Instrument :
FID_C
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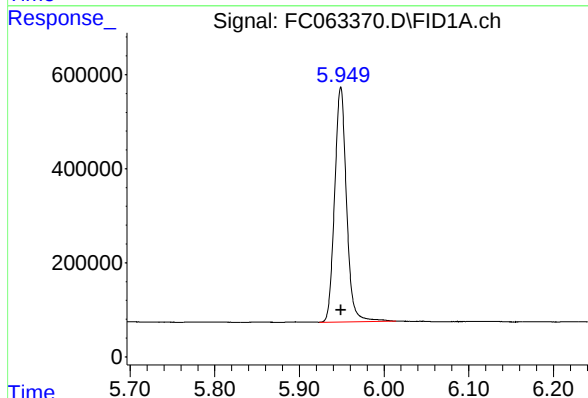
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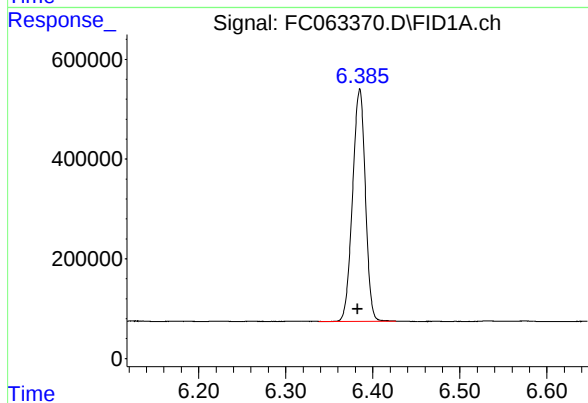
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 4223099
Conc: 30.99 ug/ml



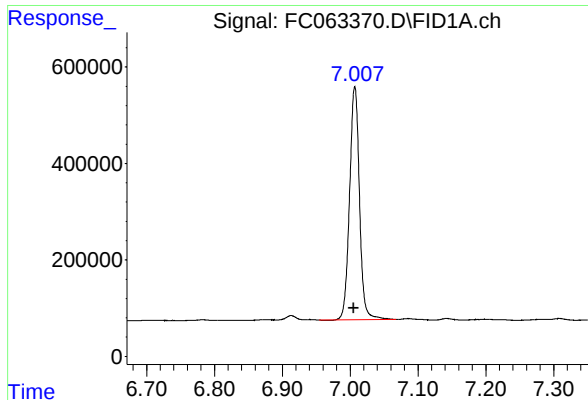
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 4876243
Conc: 32.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 4747677
Conc: 35.29 ug/ml



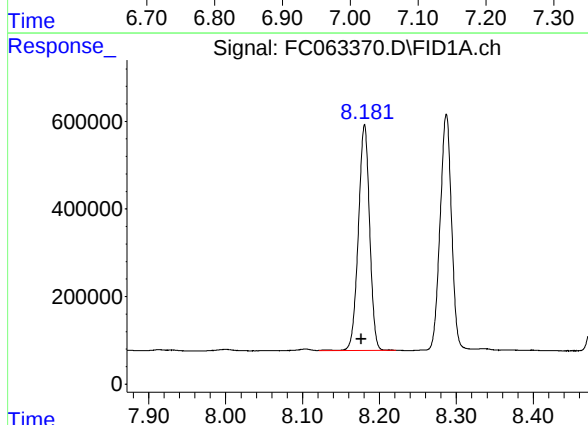
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 4909143
Conc: 35.25 ug/ml

Instrument :
FID_C
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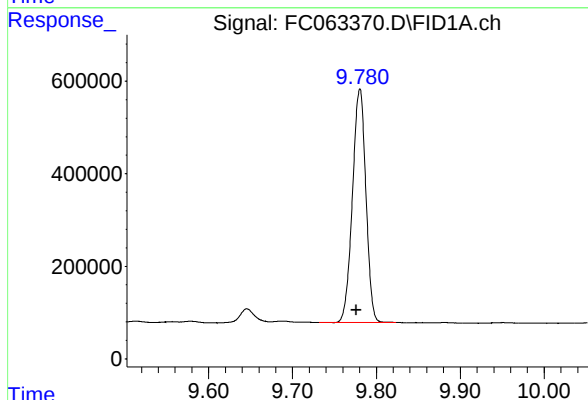
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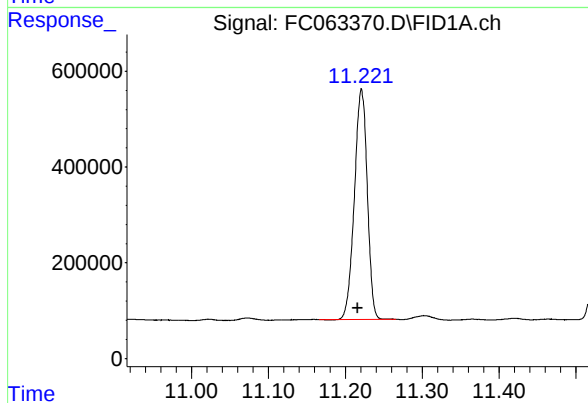
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.004 min
Response: 5235650
Conc: 38.68 ug/ml



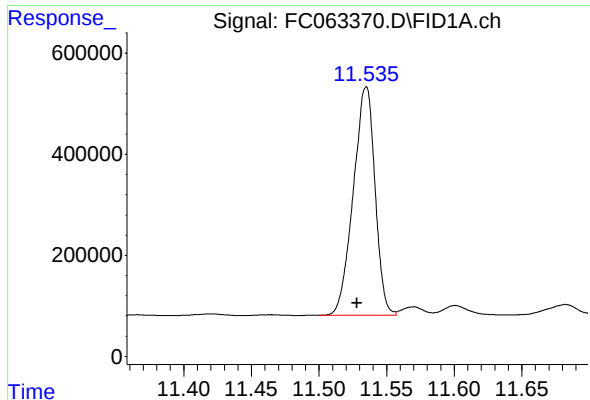
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 5609123
Conc: 41.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: 0.005 min
Response: 5588578
Conc: 40.35 ug/ml



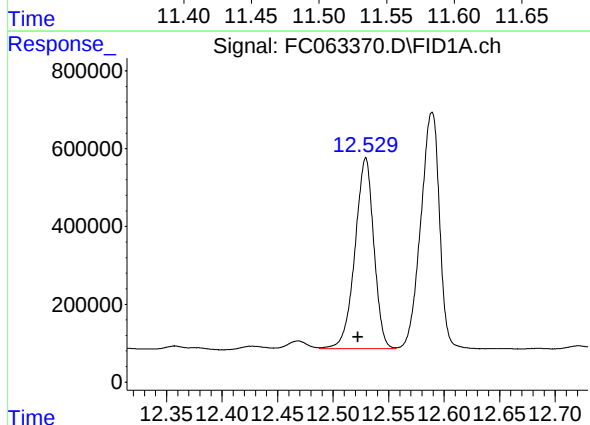
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.007 min
Response: 5058097
Conc: 33.24 ug/ml

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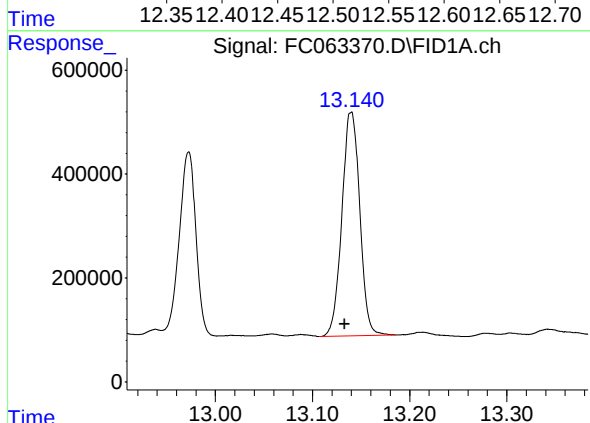
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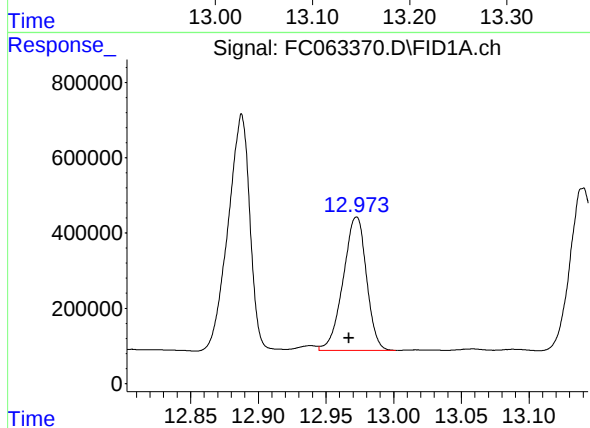
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.007 min
Response: 5799134
Conc: 43.16 ug/ml



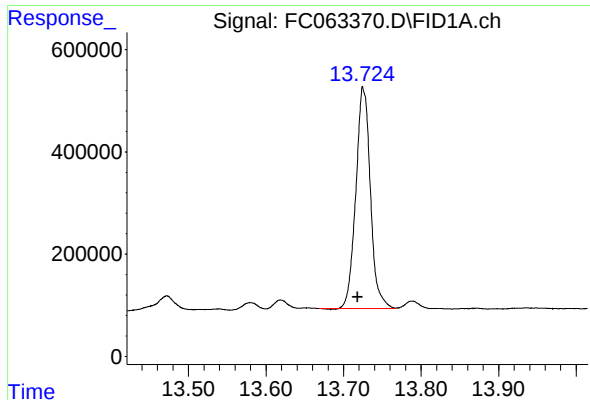
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.007 min
Response: 5511748
Conc: 40.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: 0.006 min
Response: 4251041
Conc: 38.42 ug/ml



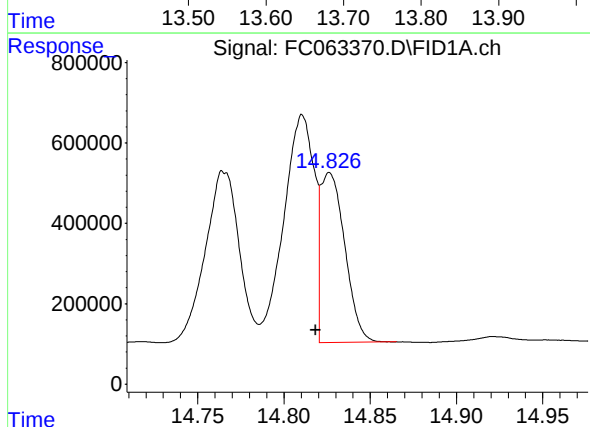
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: 0.007 min
Response: 5656089
Conc: 42.41 ug/ml

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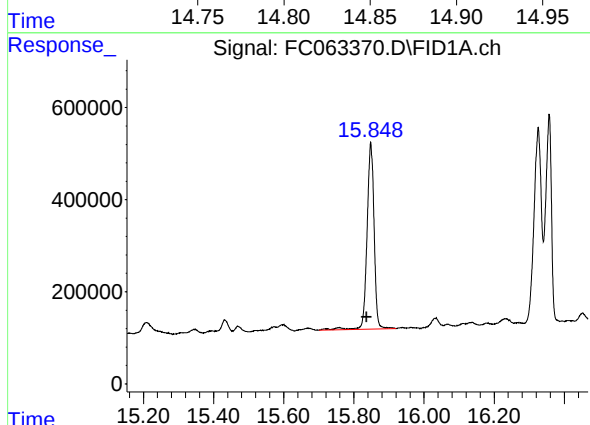
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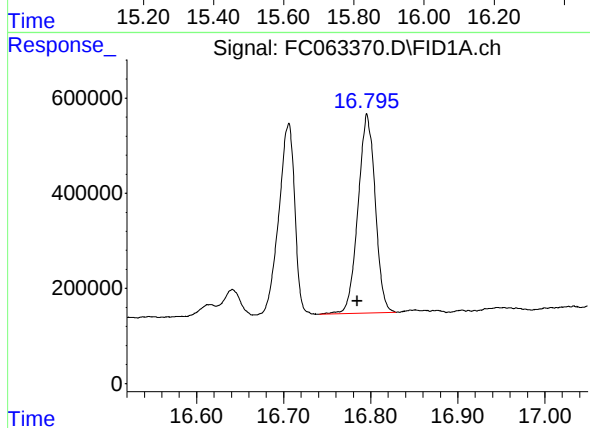
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.008 min
Response: 4096575
Conc: 30.47 ug/ml m



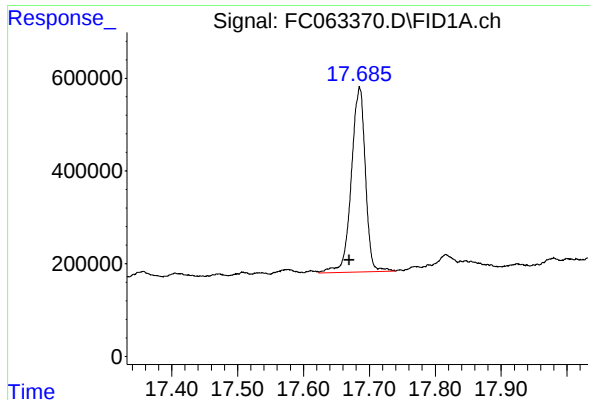
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: 0.011 min
Response: 5717889
Conc: 42.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: 0.011 min
Response: 5727454
Conc: 42.30 ug/ml



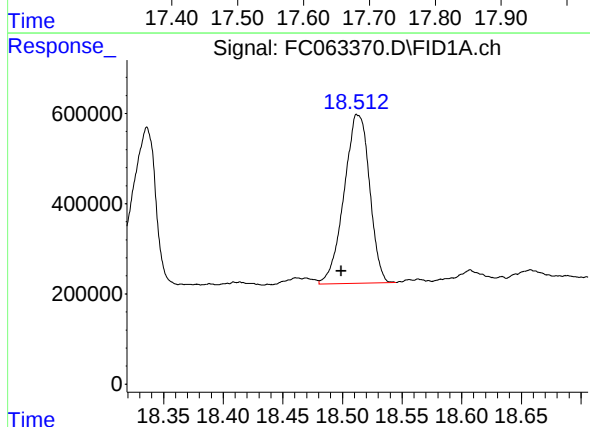
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: 0.016 min
Response: 5947710
Conc: 43.00 ug/ml

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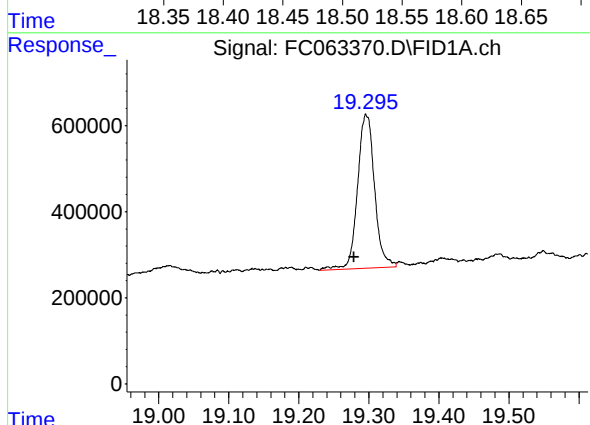
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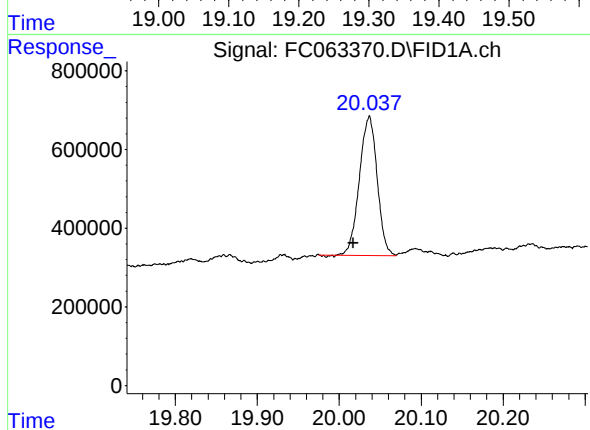
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: 0.013 min
Response: 5556845
Conc: 39.36 ug/ml



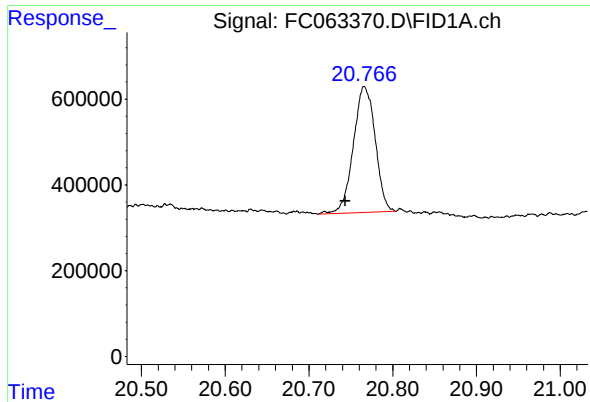
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: 0.017 min
Response: 6034479
Conc: 43.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.037 min
Delta R.T.: 0.019 min
Response: 5336021
Conc: 41.75 ug/ml



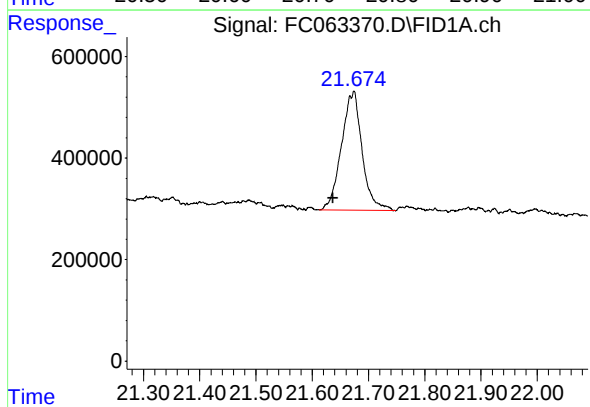
#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: 0.023 min
Response: 5324829
Conc: 43.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: 0.038 min
Response: 5961912
Conc: 50.66 ug/ml