

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067405.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 17:15
 Operator : YP/AJ
 Sample : P4376-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-100924MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:24:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.505	5522779	36.295 ug/mlm
Spiked Amount 50.000		Recovery =	72.59%
12) S 1-chlorooctadecane (S...	12.943	4447580	39.292 ug/ml
Spiked Amount 50.000		Recovery =	78.58%
Target Compounds			
1) T n-Nonane (C9)	3.275	2837990	22.389 ug/ml
2) T n-Decane (C10)	4.343	3224202	25.083 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3927743	27.688 ug/mlm
4) T n-Dodecane (C12)	6.360	3547867	27.341 ug/ml
5) T A~2-methylnaphthalene...	6.978	3921805	28.587 ug/ml
6) T n-Tetradecane (C14)	8.154	3989946	30.978 ug/ml
7) T n-Hexadecane (C16)	9.752	4218142	31.687 ug/ml
8) T n-Octadecane (C18)	11.193	4231164	31.203 ug/ml
10) T n-Eicosane (C20)	12.500	4298237	32.919 ug/ml
11) T n-Heneicosane (C21)	13.111	4351119	33.925 ug/ml
13) T n-Docosane (C22)	13.697	4154517	32.537 ug/ml
14) T n-Tetracosane (C24)	14.799	3790086	29.635 ug/ml
15) T n-Hexacosane (C26)	15.820	3983360	31.592 ug/ml
16) T n-Octacosane (C28)	16.767	4059594	32.314 ug/mlm
17) T n-Tricontane (C30)	17.656	4117954	31.966 ug/mlm
18) T n-Dotriacontane (C32)	18.487	4080380	32.662 ug/mlm
19) T n-Tetratriacontane (C34)	19.271	4130217	37.796 ug/mlm
20) T n-Hexatriacontane (C36)	20.012	3803324	40.239 ug/mlm
21) T n-Octatriacontane (C38)	20.738	3966624	45.230 ug/mlm
22) T n-Tetracontane (C40)	21.632	3892509	45.237 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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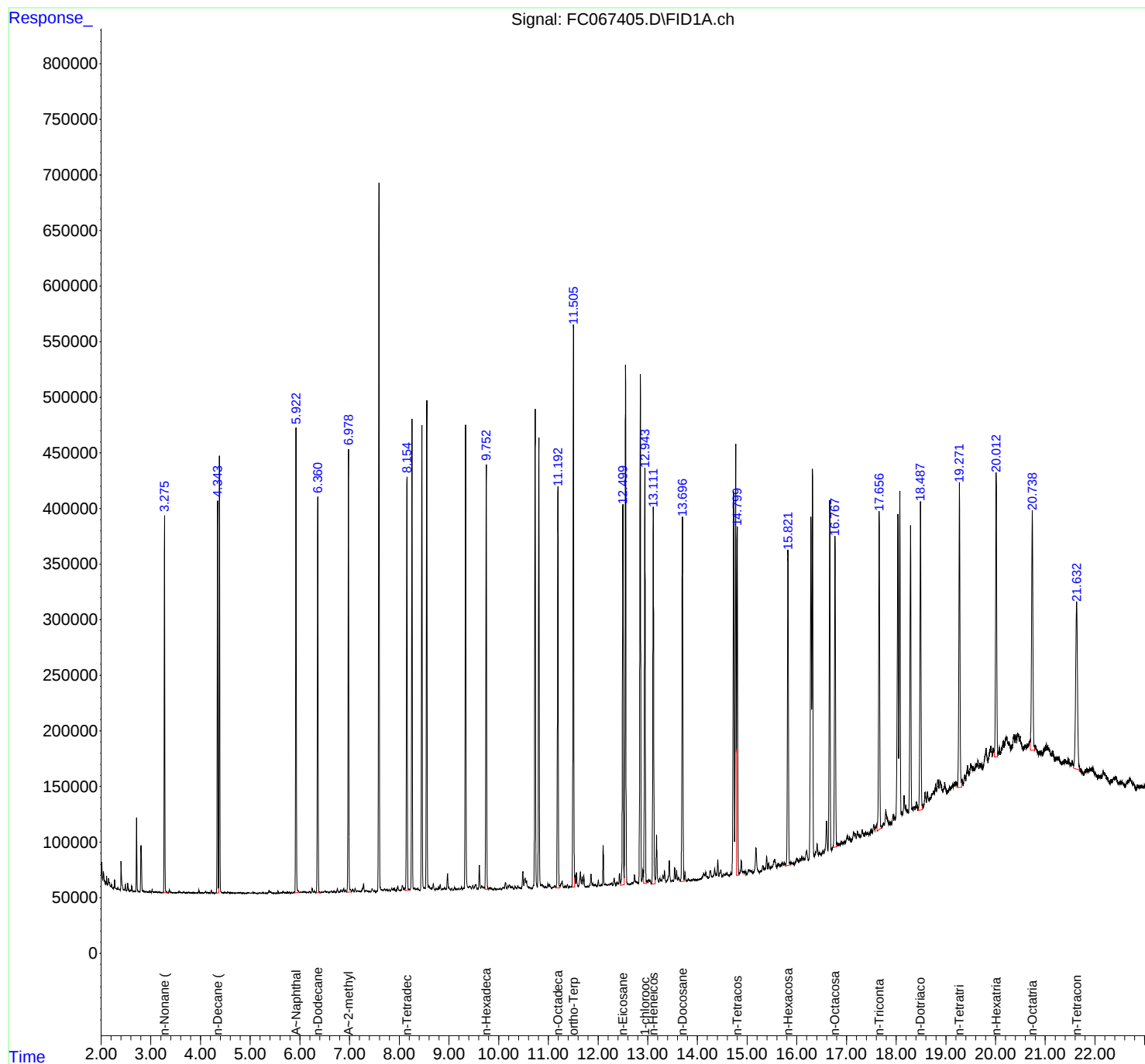
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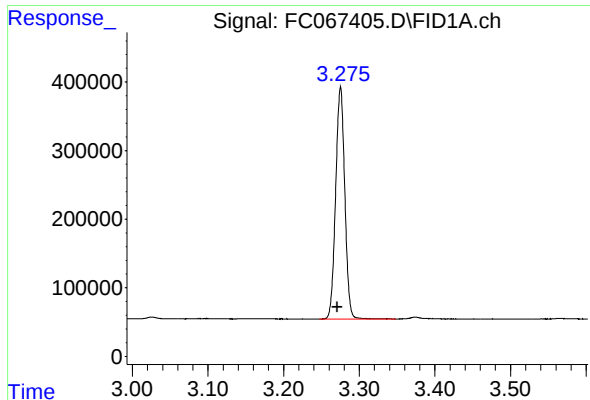
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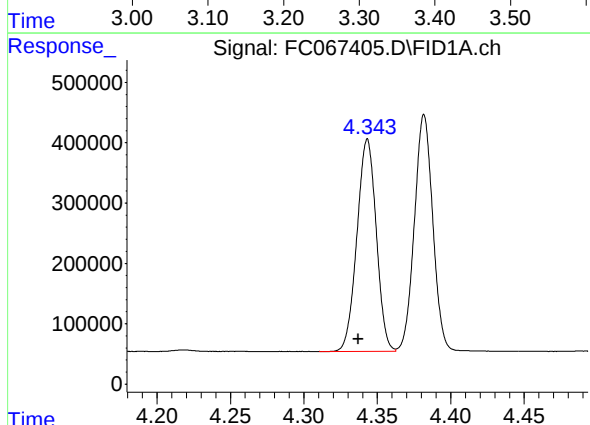
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2837990
Conc: 22.39 ug/ml

Instrument :
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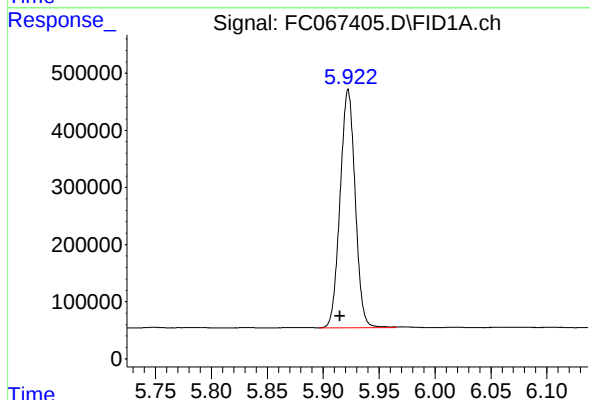
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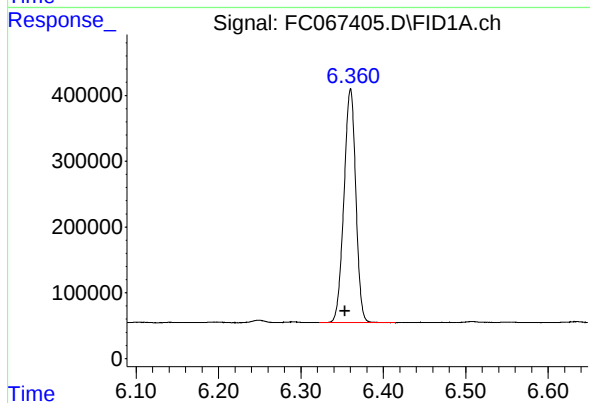
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.006 min
Response: 3224202
Conc: 25.08 ug/ml



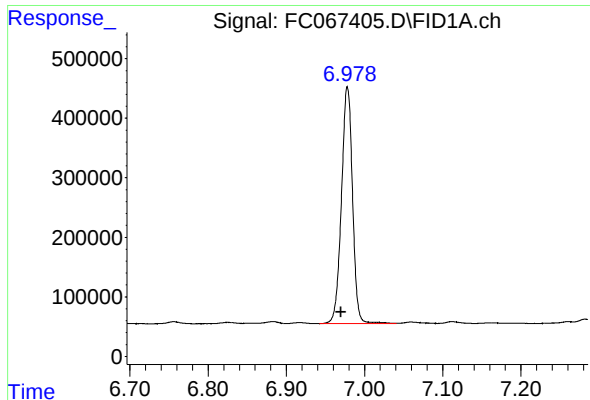
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.007 min
Response: 3927743
Conc: 27.69 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 3547867
Conc: 27.34 ug/ml



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

R.T.: 6.978 min
Delta R.T.: 0.008 min
Response: 3921805
Conc: 28.59 ug/ml

Instrument :

FID_C

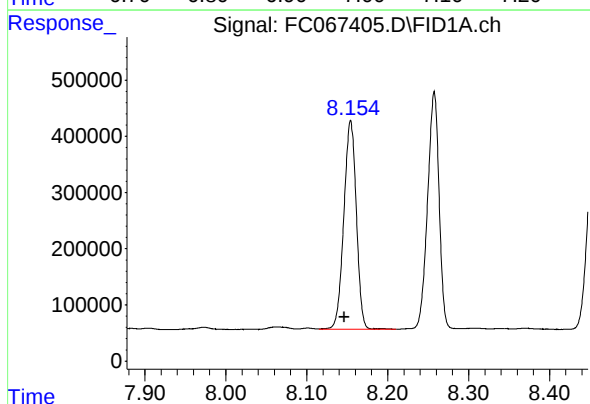
ClientSampleId :

OR-02-100924MS

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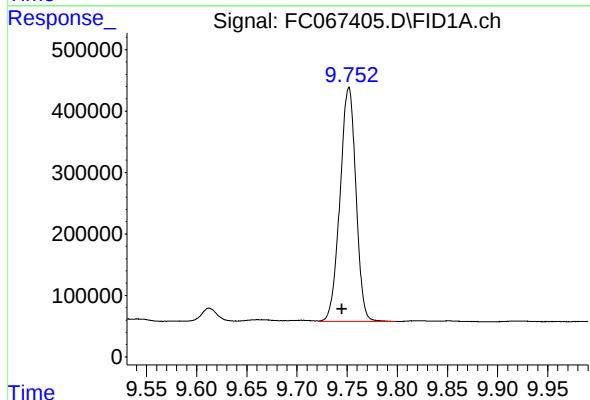
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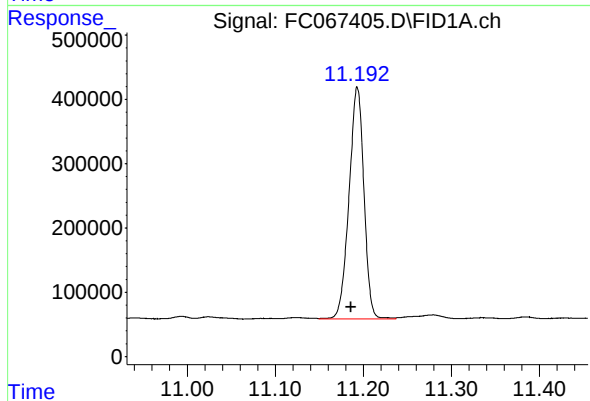
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.008 min
Response: 3989946
Conc: 30.98 ug/ml



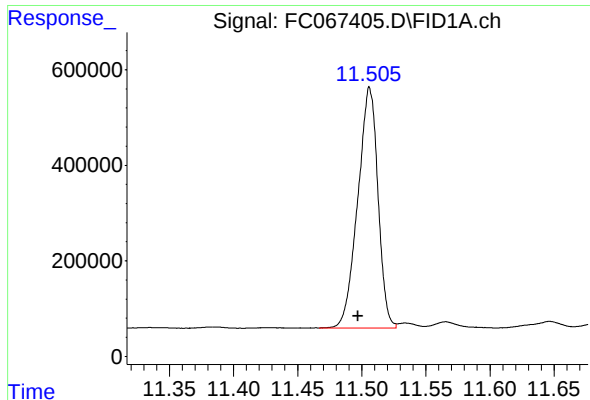
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 4218142
Conc: 31.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.007 min
Response: 4231164
Conc: 31.20 ug/ml



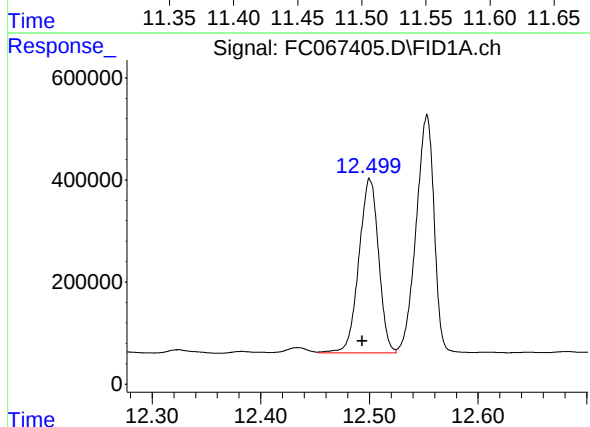
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.008 min
Response: 5522779
Conc: 36.30 ug/ml

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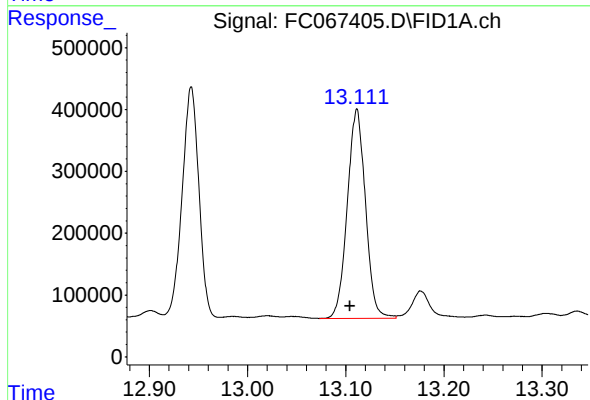
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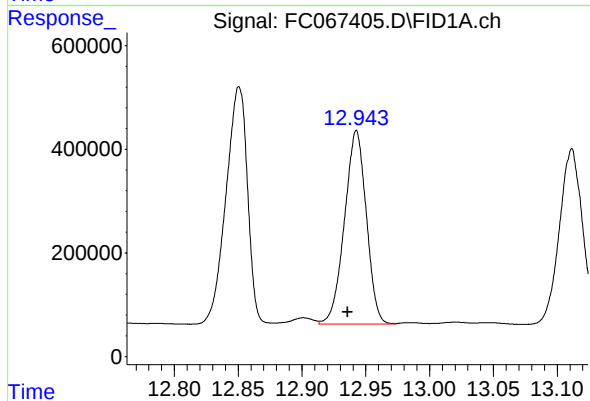
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.007 min
Response: 4298237
Conc: 32.92 ug/ml



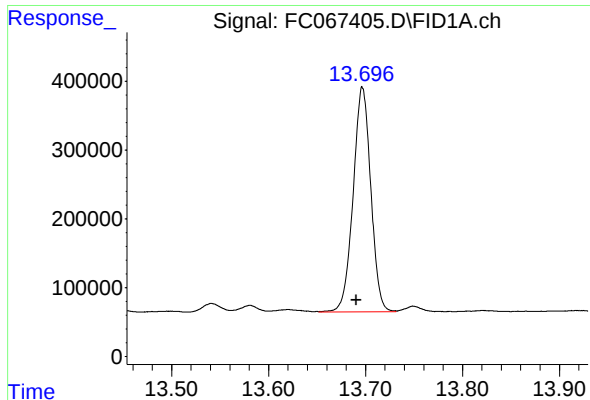
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 4351119
Conc: 33.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.007 min
Response: 4447580
Conc: 39.29 ug/ml



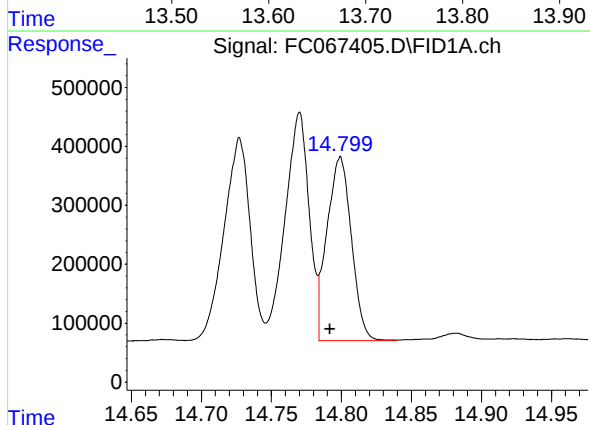
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.006 min
Response: 4154517
Conc: 32.54 ug/ml

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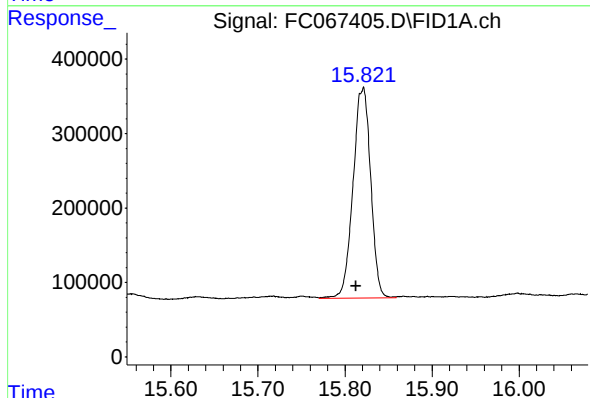
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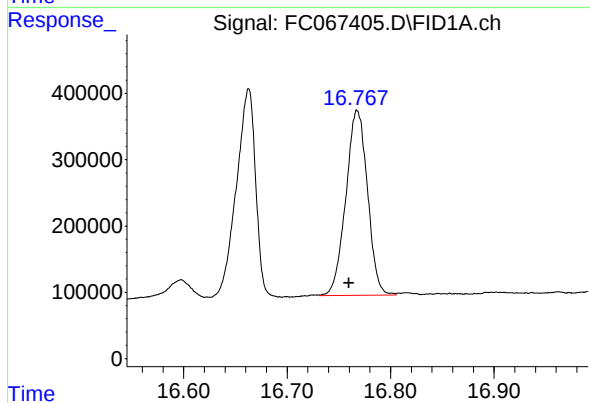
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 3790086
Conc: 29.63 ug/ml



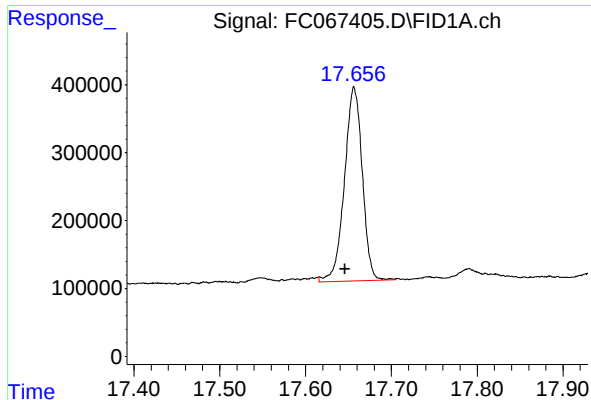
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.008 min
Response: 3983360
Conc: 31.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: 0.007 min
Response: 4059594
Conc: 32.31 ug/ml m



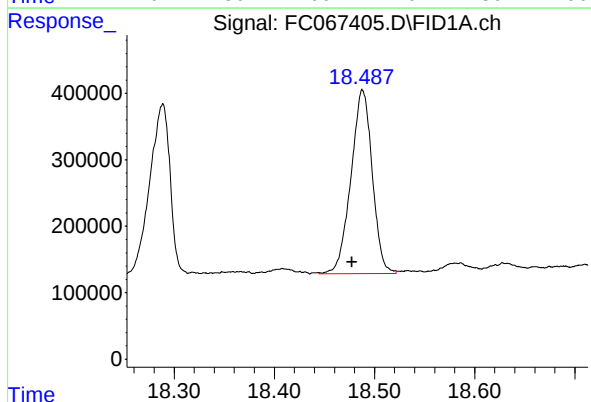
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 4117954
Conc: 31.97 ug/ml

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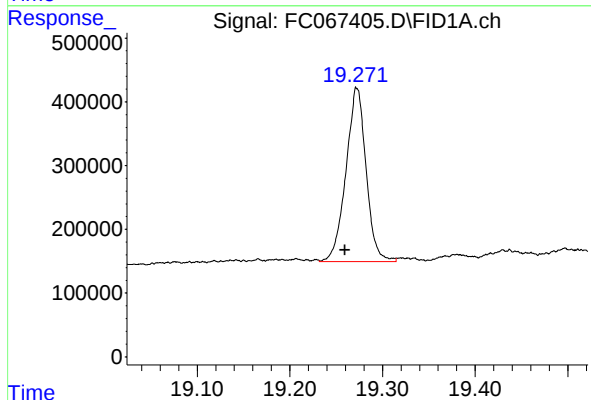
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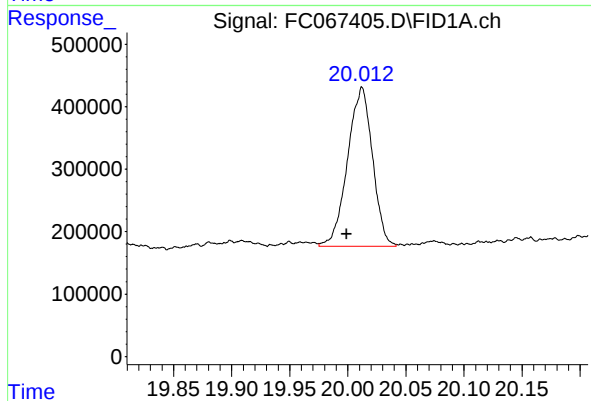
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.010 min
Response: 4080380
Conc: 32.66 ug/ml m



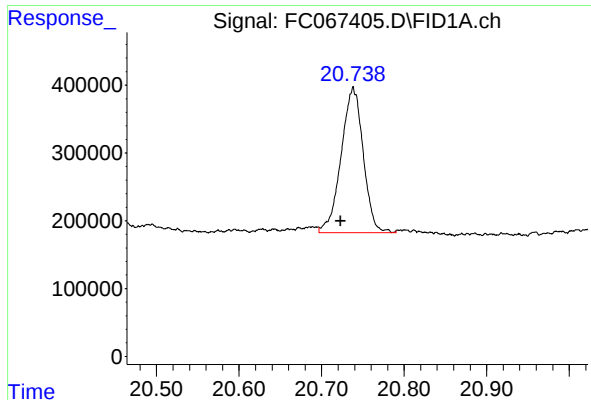
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.011 min
Response: 4130217
Conc: 37.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.012 min
Response: 3803324
Conc: 40.24 ug/ml m



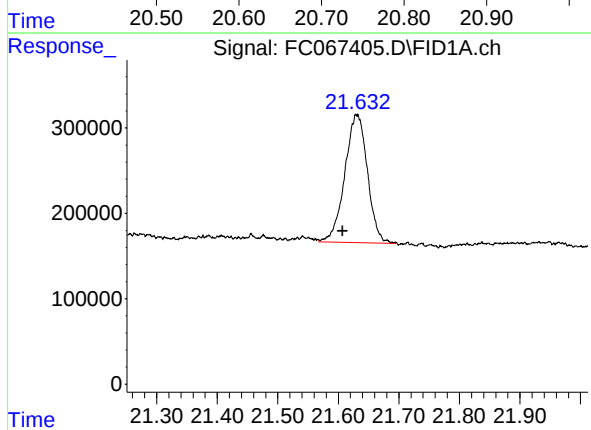
#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.015 min
Response: 3966624
Conc: 45.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.025 min
Response: 3892509
Conc: 45.24 ug/ml m