

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067406.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 17:52
 Operator : YP/AJ
 Sample : P4376-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-100924MSD

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 03:24:37 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)	11.507	5578238	36.660 ug/mlm
Spiked Amount 50.000		Recovery =	73.32%
12) S 1-chlorooctadecane (S...	12.944	4537994	40.091 ug/ml
Spiked Amount 50.000		Recovery =	80.18%
Target Compounds			
1) T n-Nonane (C9)	3.275	2869771	22.640 ug/ml
2) T n-Decane (C10)	4.343	3269885	25.438 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3985518	28.096 ug/mlm
4) T n-Dodecane (C12)	6.360	3596922	27.719 ug/ml
5) T A~2-methylnaphthalene...	6.979	3976262	28.984 ug/ml
6) T n-Tetradecane (C14)	8.155	4044203	31.400 ug/ml
7) T n-Hexadecane (C16)	9.753	4268416	32.065 ug/ml
8) T n-Octadecane (C18)	11.194	4274456	31.522 ug/ml
10) T n-Eicosane (C20)	12.501	4372471	33.488 ug/ml
11) T n-Heneicosane (C21)	13.114	4380537	34.155 ug/ml
13) T n-Docosane (C22)	13.698	4208277	32.958 ug/ml
14) T n-Tetracosane (C24)	14.800	3811494	29.802 ug/ml
15) T n-Hexacosane (C26)	15.822	4059951	32.200 ug/ml
16) T n-Octacosane (C28)	16.771	4128695	32.864 ug/mlm
17) T n-Tricontane (C30)	17.658	4175828	32.415 ug/mlm
18) T n-Dotriacontane (C32)	18.488	4080295	32.661 ug/mlm
19) T n-Tetratriacontane (C34)	19.272	4107535	37.588 ug/mlm
20) T n-Hexatriacontane (C36)	20.012	3957887	41.875 ug/mlm
21) T n-Octatriacontane (C38)	20.738	3958670	45.139 ug/mlm
22) T n-Tetracontane (C40)	21.633	3756333	43.654 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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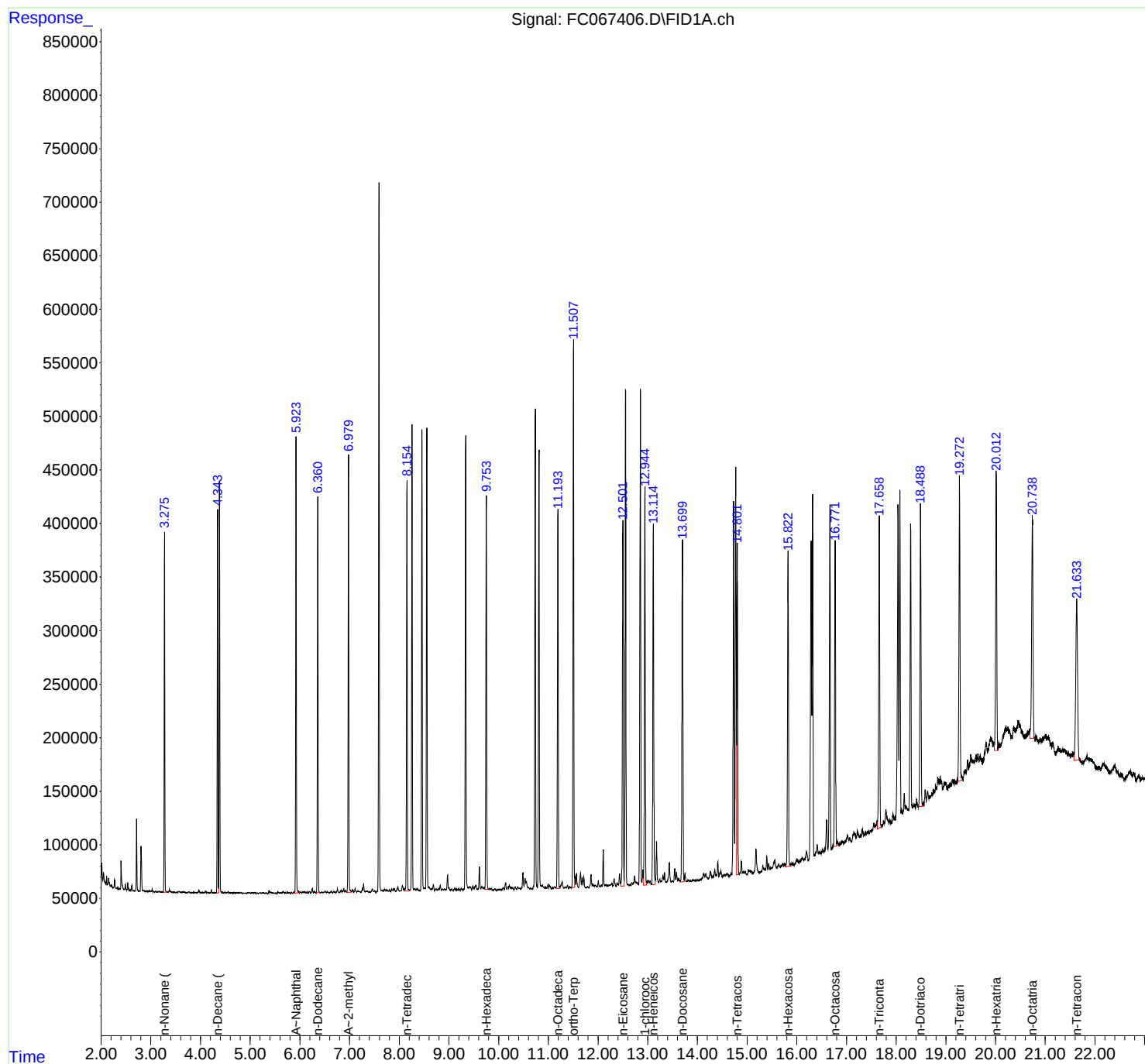
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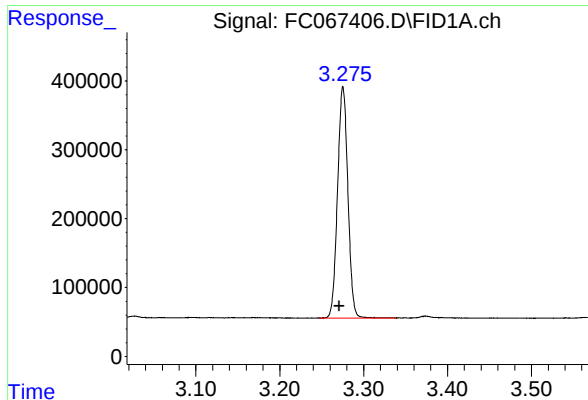
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#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2869771
Conc: 22.64 ug/ml

Instrument :

FID_C

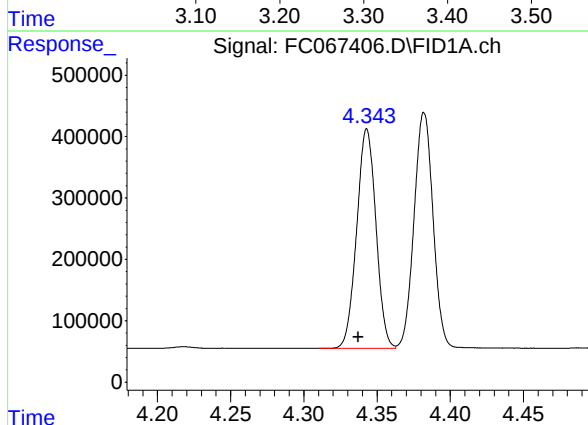
ClientSampleId :

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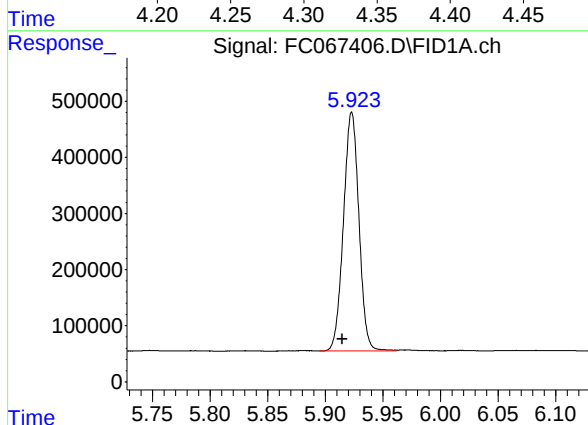
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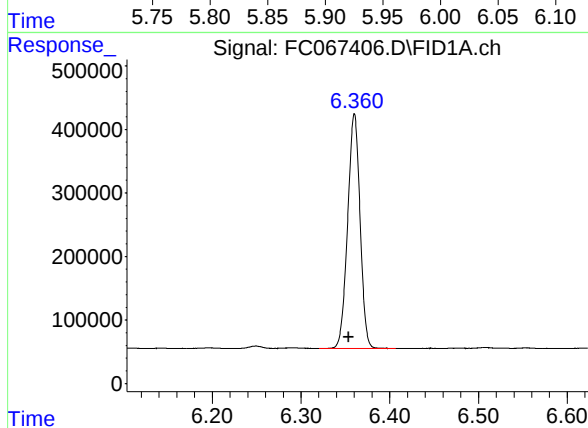
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.006 min
Response: 3269885
Conc: 25.44 ug/ml



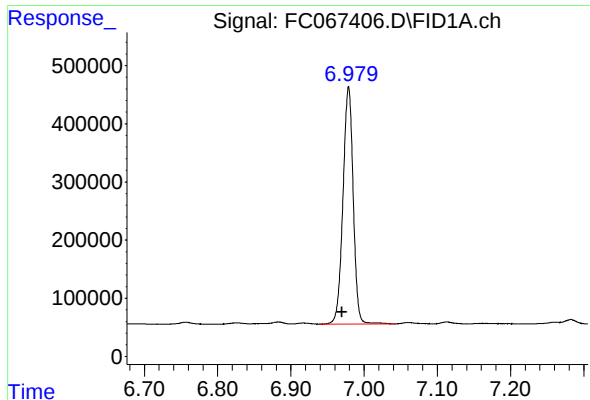
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.008 min
Response: 3985518
Conc: 28.10 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 3596922
Conc: 27.72 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.009 min
Response: 3976262
Conc: 28.98 ug/ml

Instrument :

FID_C

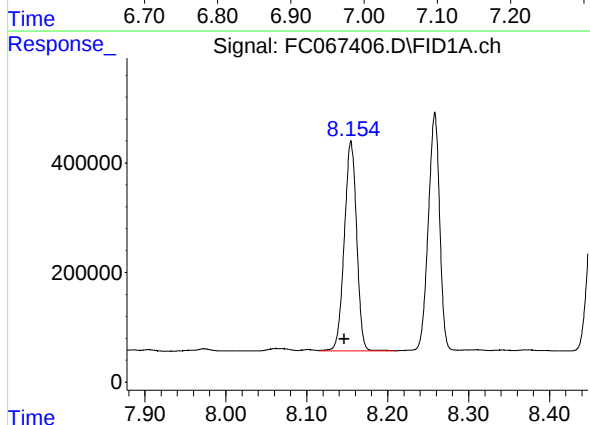
ClientSampleId :

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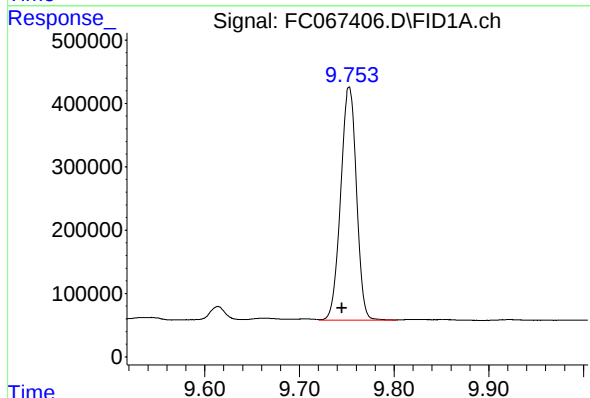
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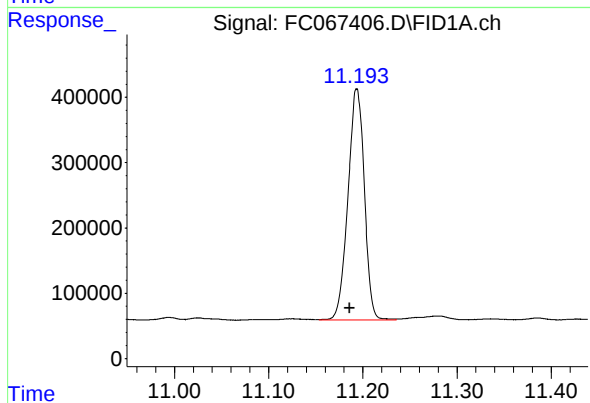
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.008 min
Response: 4044203
Conc: 31.40 ug/ml



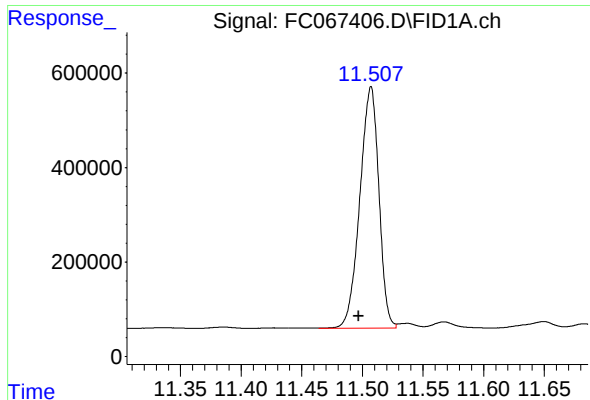
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.008 min
Response: 4268416
Conc: 32.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.008 min
Response: 4274456
Conc: 31.52 ug/ml



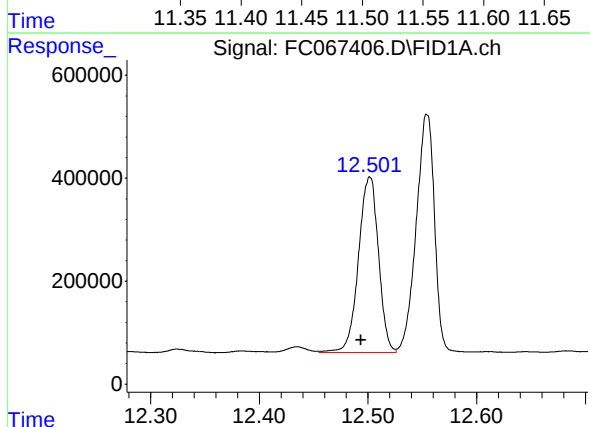
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.010 min
Response: 5578238
Conc: 36.66 ug/ml

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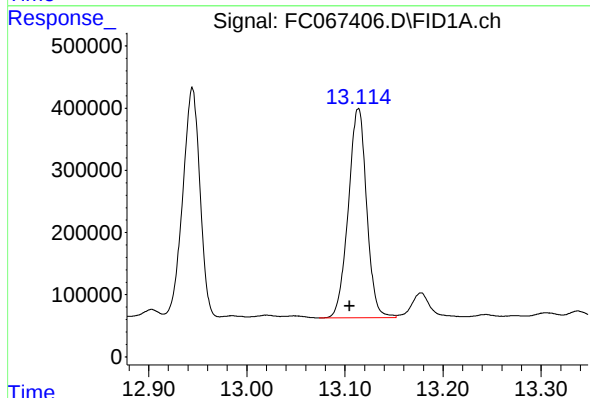
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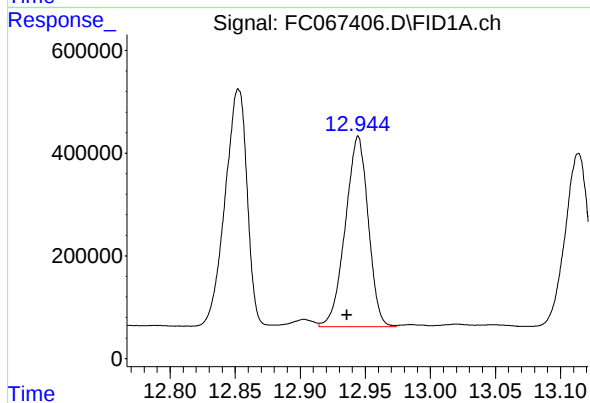
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.008 min
Response: 4372471
Conc: 33.49 ug/ml



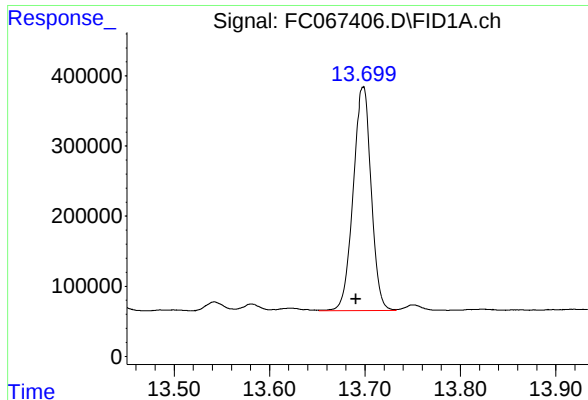
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.009 min
Response: 4380537
Conc: 34.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.009 min
Response: 4537994
Conc: 40.09 ug/ml



#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.008 min
Response: 4208277
Conc: 32.96 ug/ml

Instrument :

FID_C

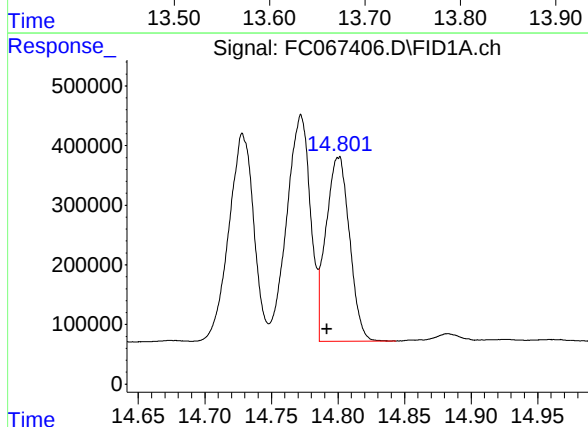
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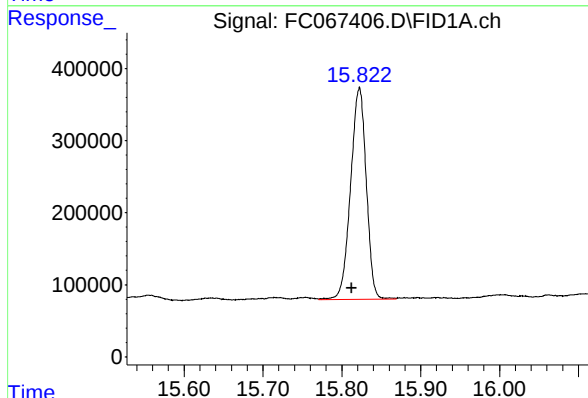
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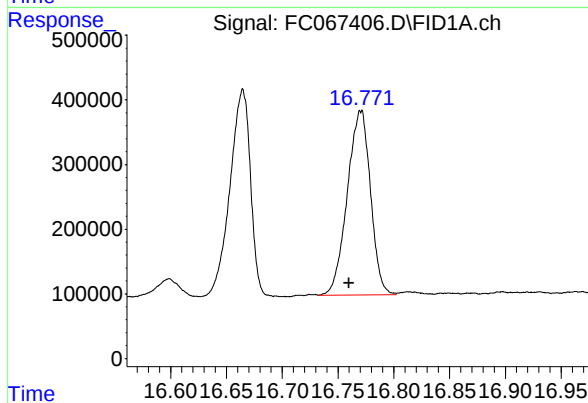
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.008 min
Response: 3811494
Conc: 29.80 ug/ml



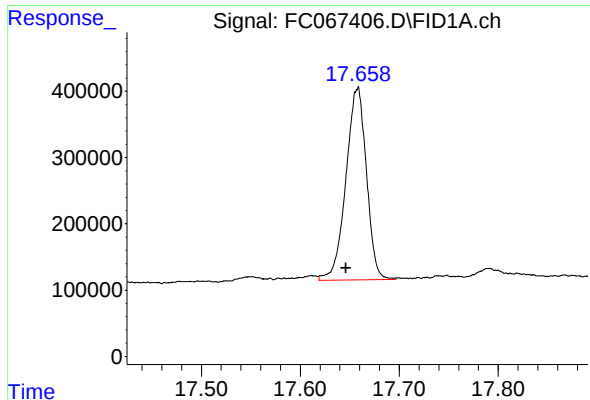
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.010 min
Response: 4059951
Conc: 32.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.012 min
Response: 4128695
Conc: 32.86 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.012 min
Response: 4175828
Conc: 32.41 ug/ml

Instrument :

FID_C

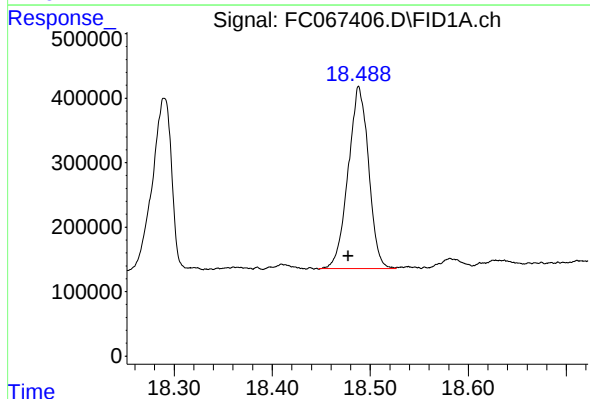
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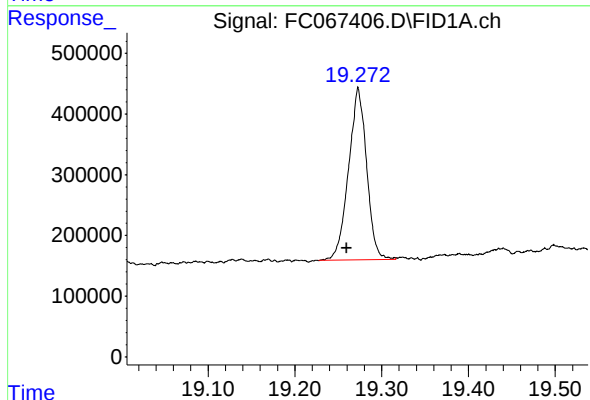
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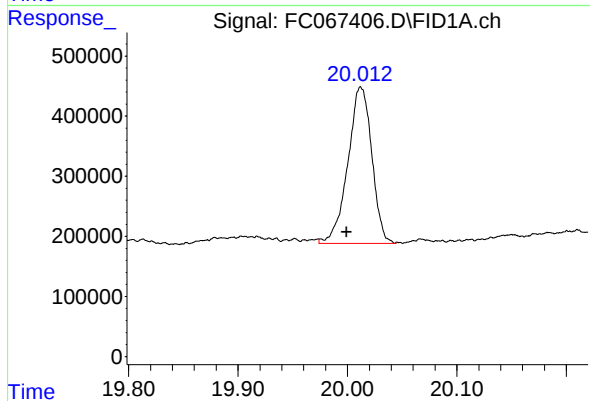
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.010 min
Response: 4080295
Conc: 32.66 ug/ml m



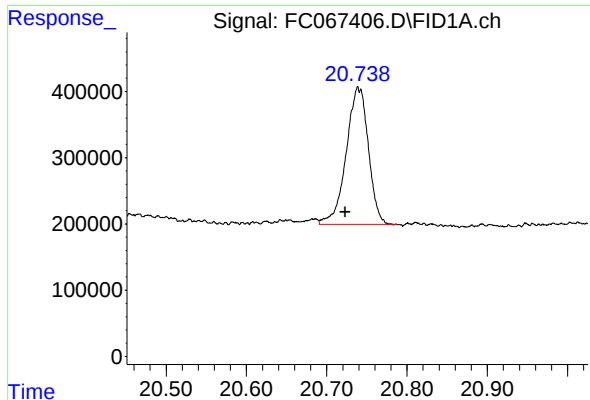
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.013 min
Response: 4107535
Conc: 37.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.012 min
Response: 3957887
Conc: 41.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.015 min
Response: 3958670
Conc: 45.14 ug/ml

Instrument :

FID_C

ClientSampleId :

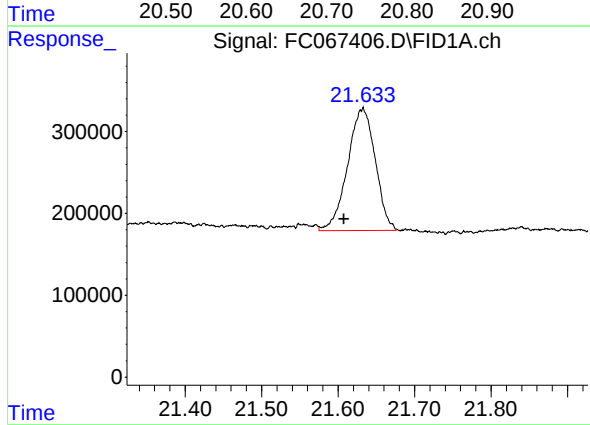
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#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.025 min
Response: 3756333
Conc: 43.65 ug/ml m