

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111224AL\
 Data File : FC067717.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 20:26
 Operator : YP/AJ
 Sample : PB164913BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164913BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 12 23:56:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.490	6273840	42.757 ug/ml
Spiked Amount 50.000		Recovery =	85.51%
12) S 1-chlorooctadecane (S...	12.927	4688940	43.421 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
Target Compounds			
1) T n-Nonane (C9)	3.287	6121126	45.436 ug/ml
2) T n-Decane (C10)	4.343	6508918	47.773 ug/ml
3) T A~Naphthalene (C11.7)	5.914	7280574	49.131 ug/ml
4) T n-Dodecane (C12)	6.351	6668519	49.235 ug/ml
5) T A~2-methylnaphthalene...	6.968	6617604	46.860 ug/ml
6) T n-Tetradecane (C14)	8.143	6631725	50.523 ug/ml
7) T n-Hexadecane (C16)	9.739	6532410	49.449 ug/ml
8) T n-Octadecane (C18)	11.179	6507007	49.253 ug/ml
10) T n-Eicosane (C20)	12.487	6523764	51.703 ug/ml
11) T n-Heneicosane (C21)	13.097	6212091	50.335 ug/ml
13) T n-Docosane (C22)	13.682	6146759	50.199 ug/ml
14) T n-Tetracosane (C24)	14.753	12420299	102.469 ug/mlm
15) T n-Hexacosane (C26)	15.804	5971099	50.154 ug/ml
16) T n-Octacosane (C28)	16.749	5964926	50.702 ug/ml
17) T n-Tricontane (C30)	17.638	5991002	49.565 ug/ml
18) T n-Dotriacontane (C32)	18.466	5842548	49.379 ug/ml
19) T n-Tetratriacontane (C34)	19.248	5610859	53.576 ug/ml
20) T n-Hexatriacontane (C36)	19.986	4914401	53.988 ug/ml
21) T n-Octatriacontane (C38)	20.706	4299925	49.651 ug/ml
22) T n-Tetracontane (C40)	21.588	3932077	46.254 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB164913BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

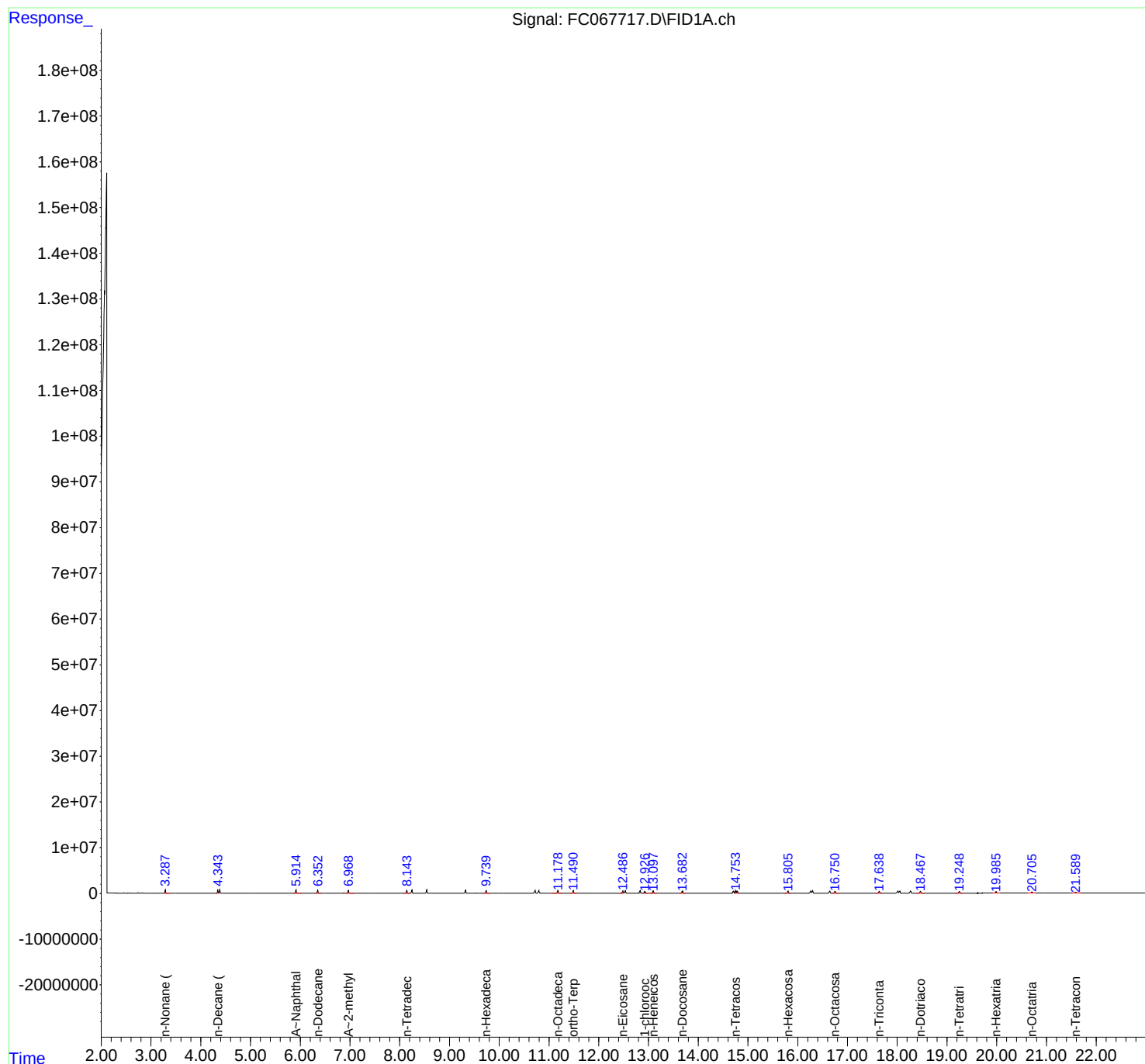
Instrument :
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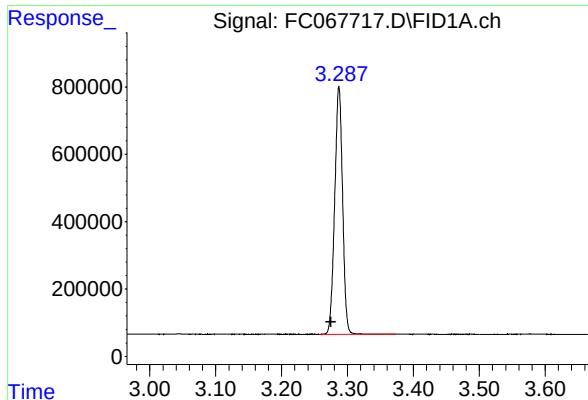
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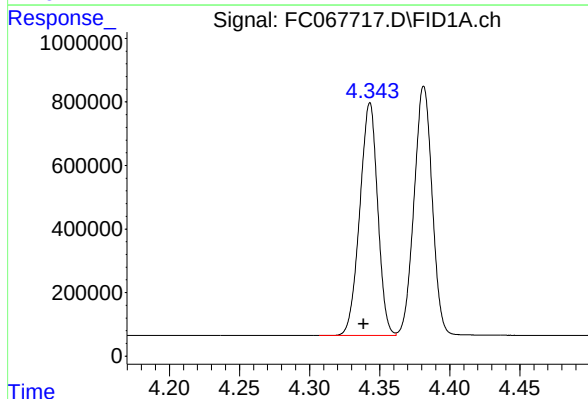
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.012 min
Response: 6121126
Conc: 45.44 ug/ml

Instrument :
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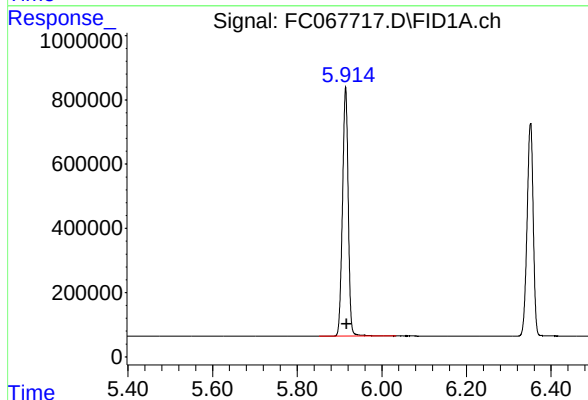
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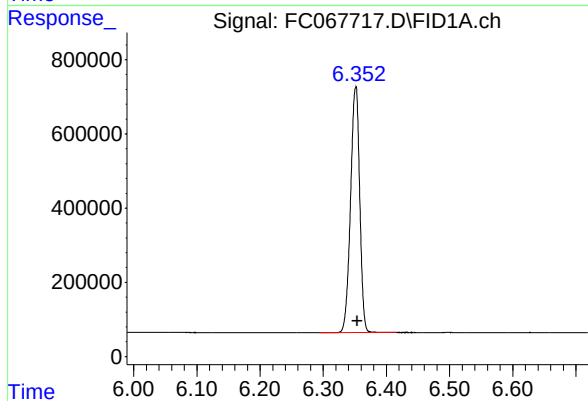
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.004 min
Response: 6508918
Conc: 47.77 ug/ml



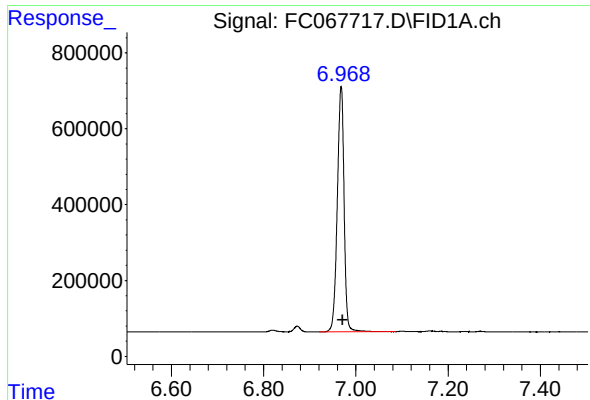
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 7280574
Conc: 49.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 6668519
Conc: 49.24 ug/ml



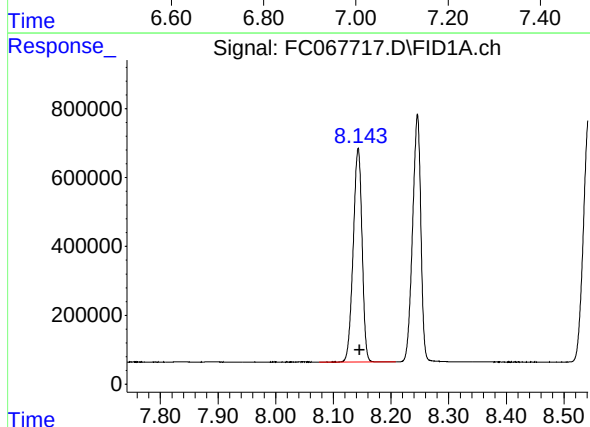
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 6617604
Conc: 46.86 ug/ml

Instrument :
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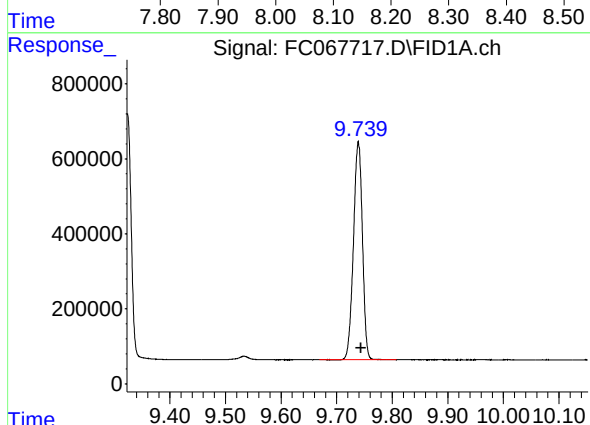
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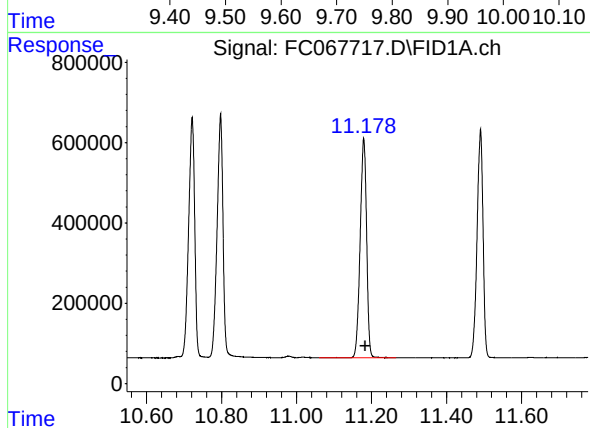
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 6631725
Conc: 50.52 ug/ml



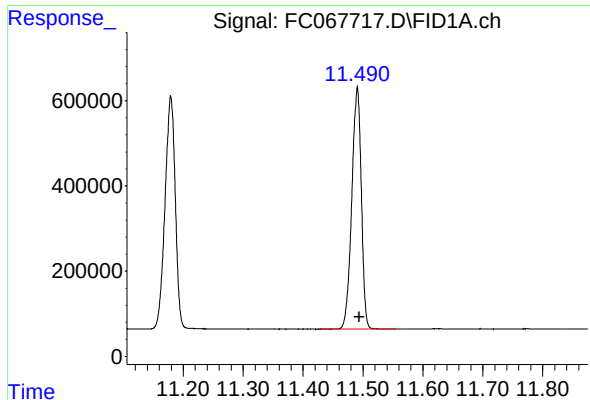
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.005 min
Response: 6532410
Conc: 49.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: -0.004 min
Response: 6507007
Conc: 49.25 ug/ml



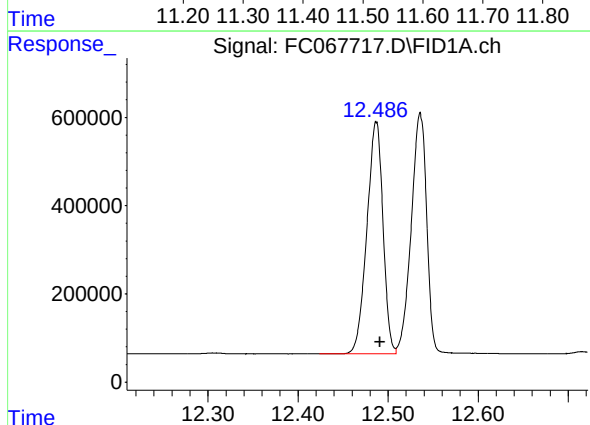
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 6273840
Conc: 42.76 ug/ml

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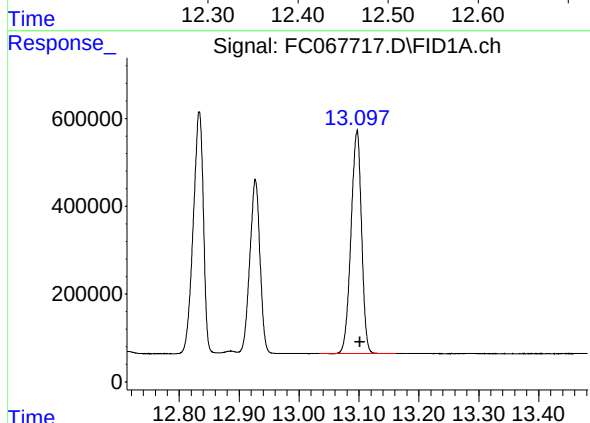
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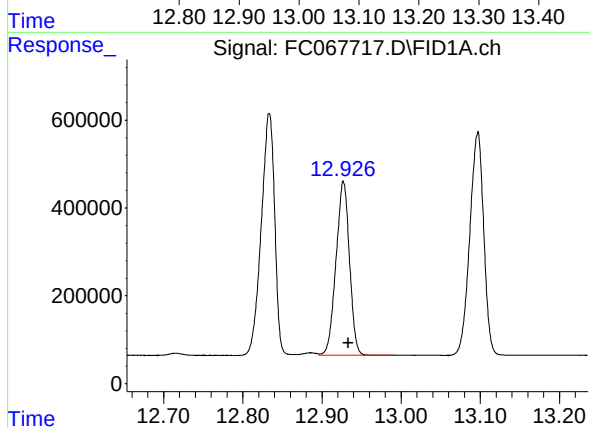
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 6523764
Conc: 51.70 ug/ml



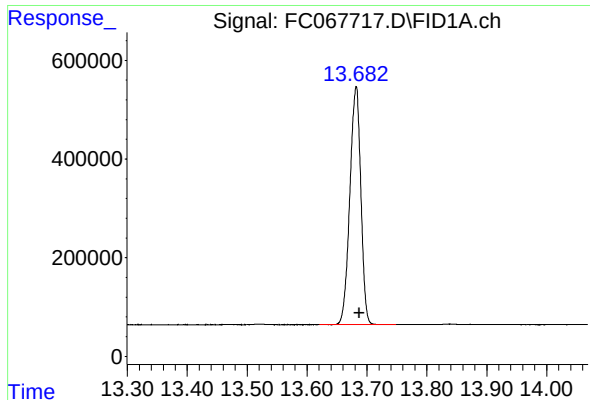
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: -0.005 min
Response: 6212091
Conc: 50.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: -0.006 min
Response: 4688940
Conc: 43.42 ug/ml



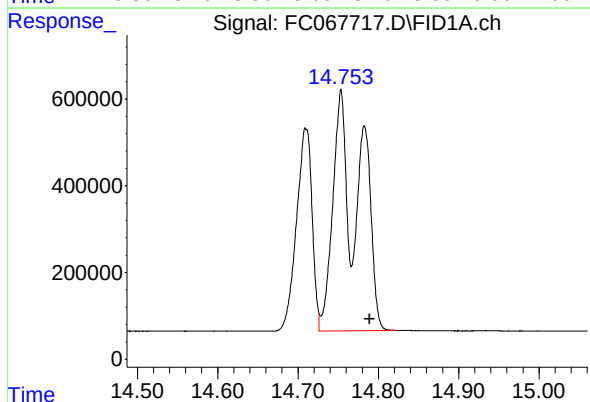
#13 n-Docosane (C22)

R.T.: 13.682 min
Delta R.T.: -0.006 min
Response: 6146759
Conc: 50.20 ug/ml

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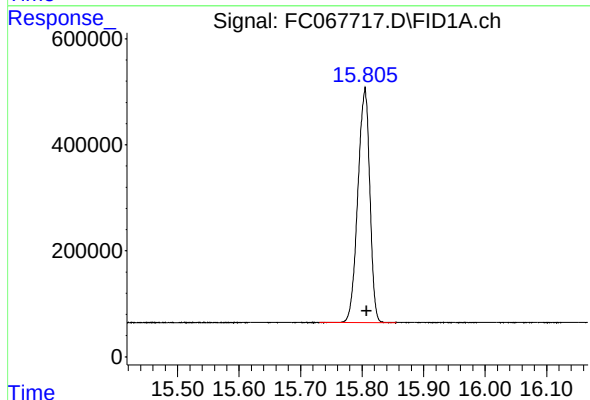
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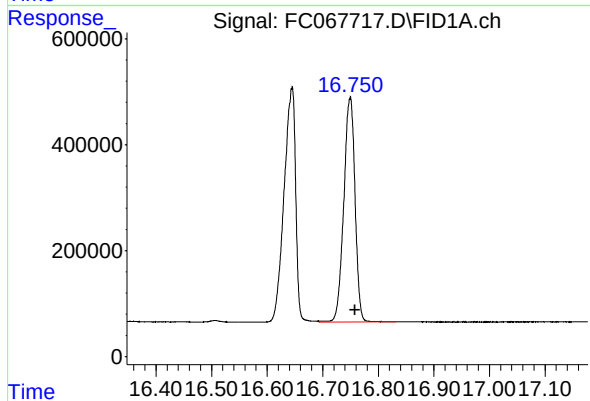
#14 n-Tetracosane (C24)

R.T.: 14.753 min
Delta R.T.: -0.036 min
Response: 12420299
Conc: 102.47 ug/ml m



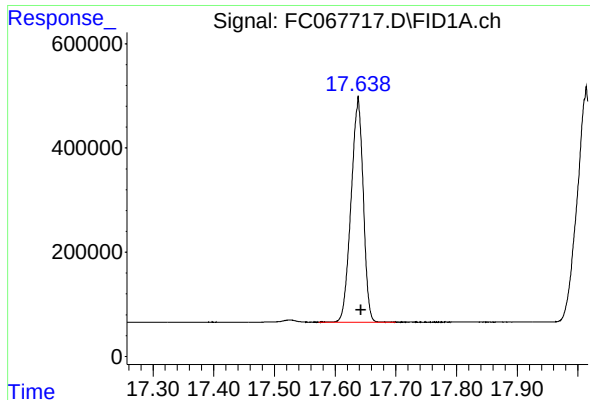
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 5971099
Conc: 50.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.009 min
Response: 5964926
Conc: 50.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 5991002
Conc: 49.57 ug/ml

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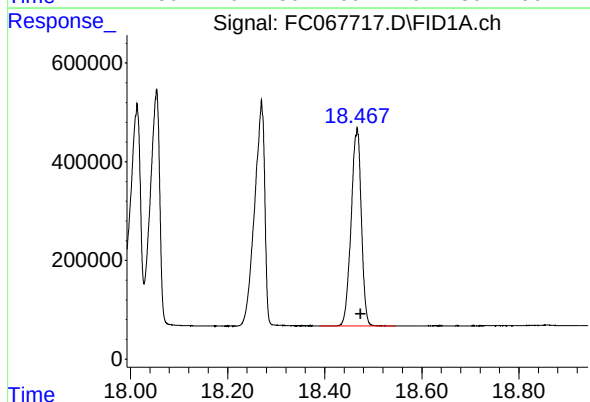
ClientSampleId :

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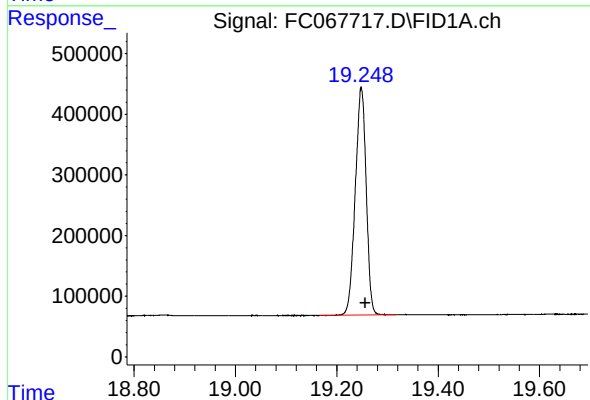
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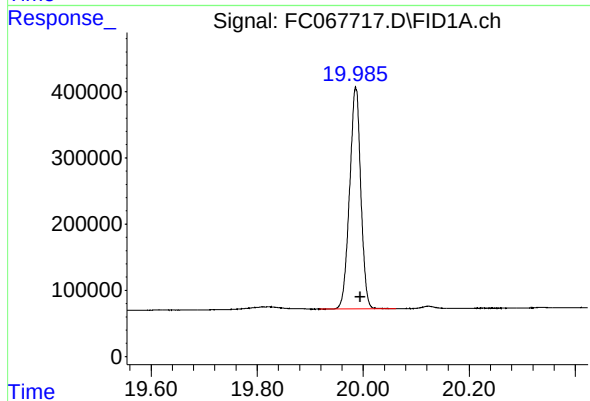
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.008 min
Response: 5842548
Conc: 49.38 ug/ml



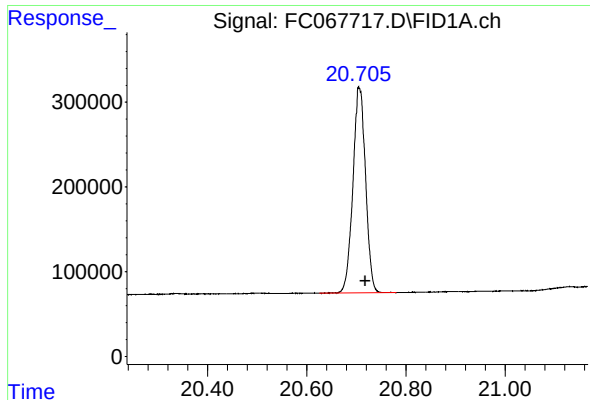
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.008 min
Response: 5610859
Conc: 53.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.009 min
Response: 4914401
Conc: 53.99 ug/ml



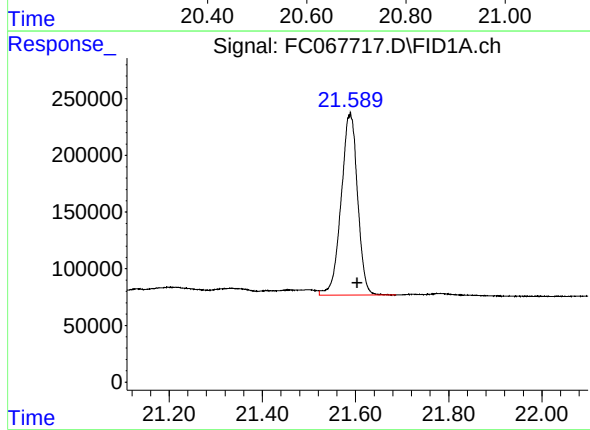
#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.012 min
Response: 4299925
Conc: 49.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.015 min
Response: 3932077
Conc: 46.25 ug/ml