

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103124AL\
 Data File : FC067594.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 13:17
 Operator : YP/AJ
 Sample : PB164554BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164554BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:50:43 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)	11.495	5371020	36.604 ug/ml
Spiked Amount 50.000		Recovery =	73.21%
12) S 1-chlorooctadecane (S...	12.933	4200501	38.898 ug/ml
Spiked Amount 50.000		Recovery =	77.80%
Target Compounds			
1) T n-Nonane (C9)	3.282	4751840	35.272 ug/ml
2) T n-Decane (C10)	4.343	4946158	36.303 ug/ml
3) T A~Naphthalene (C11.7)	5.917	5413247	36.529 ug/ml
4) T n-Dodecane (C12)	6.355	5017641	37.046 ug/ml
5) T A~2-methylnaphthalene...	6.971	4951809	35.064 ug/ml
6) T n-Tetradecane (C14)	8.148	4949618	37.708 ug/ml
7) T n-Hexadecane (C16)	9.744	4886125	36.987 ug/ml
8) T n-Octadecane (C18)	11.183	4895582	37.056 ug/ml
10) T n-Eicosane (C20)	12.491	4937729	39.133 ug/ml
11) T n-Heneicosane (C21)	13.101	4745929	38.455 ug/ml
13) T n-Docosane (C22)	13.686	4708499	38.453 ug/ml
14) T n-Tetracosane (C24)	14.754	9500089	78.377 ug/mlm
15) T n-Hexacosane (C26)	15.808	4587695	38.534 ug/ml
16) T n-Octacosane (C28)	16.755	4578183	38.915 ug/ml
17) T n-Tricontane (C30)	17.643	4568018	37.792 ug/ml
18) T n-Dotriacontane (C32)	18.473	4502139	38.050 ug/ml
19) T n-Tetratriacontane (C34)	19.254	4514937	43.111 ug/ml
20) T n-Hexatriacontane (C36)	19.992	4373116	48.042 ug/ml
21) T n-Octatriacontane (C38)	20.715	4383082	50.612 ug/ml
22) T n-Tetracontane (C40)	21.597	4373194	51.443 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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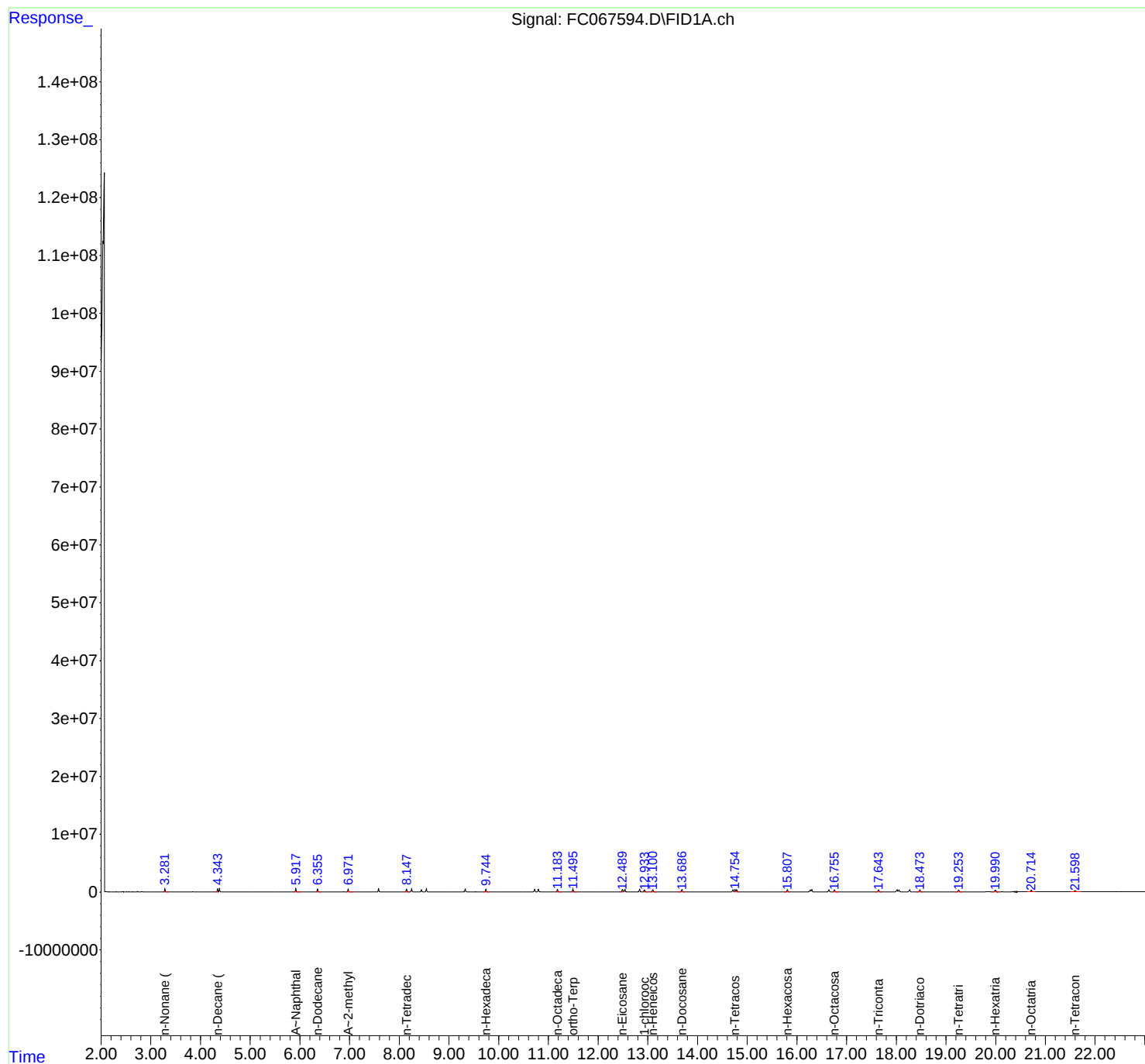
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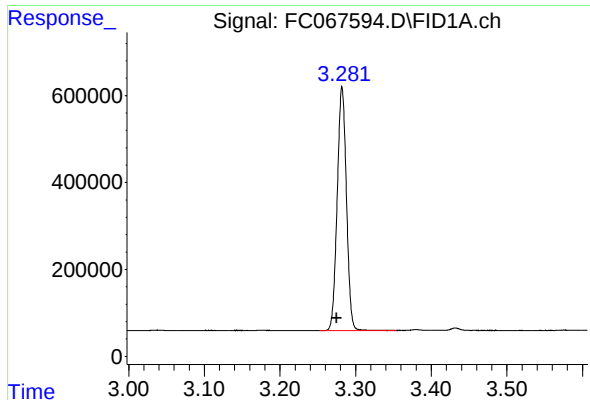
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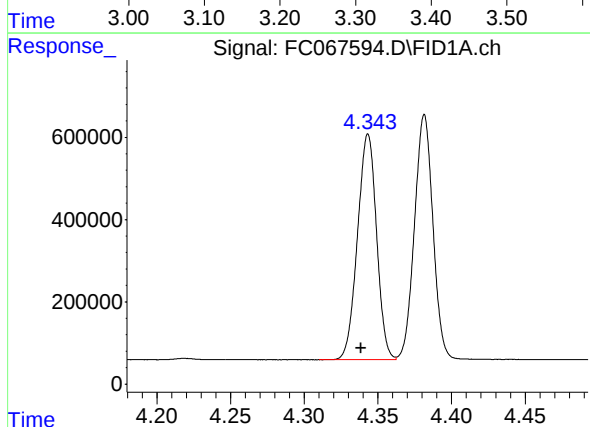
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.007 min
Response: 4751840
Conc: 35.27 ug/ml

Instrument :
FID_C
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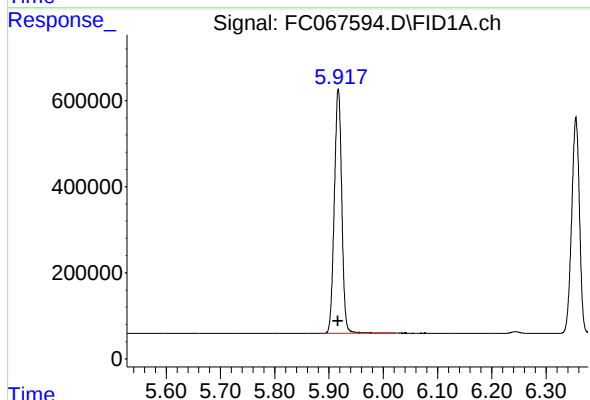
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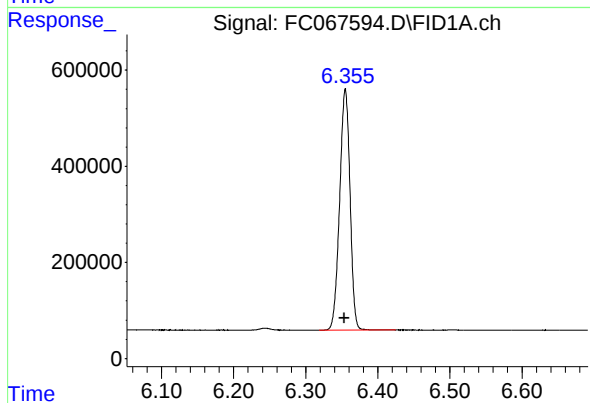
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 4946158
Conc: 36.30 ug/ml



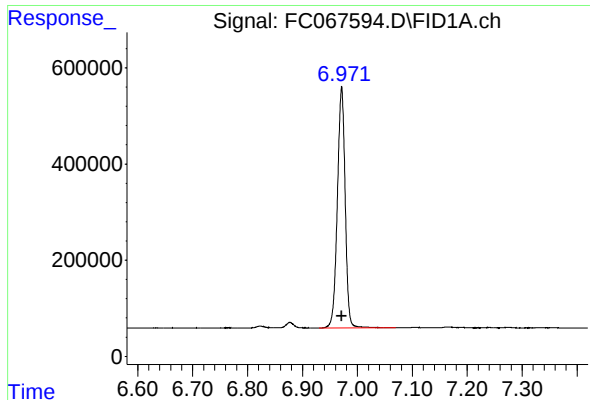
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 5413247
Conc: 36.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 5017641
Conc: 37.05 ug/ml



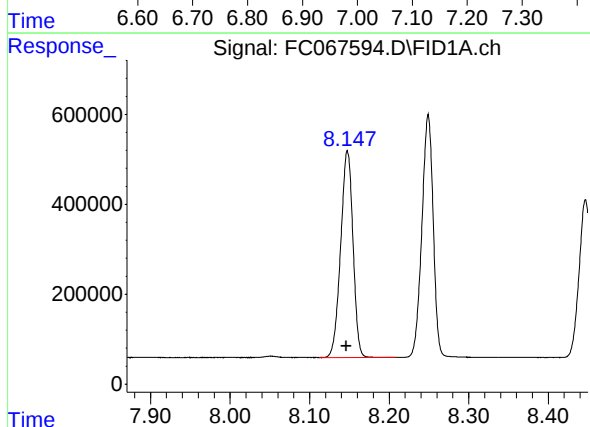
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 4951809
Conc: 35.06 ug/ml

Instrument :
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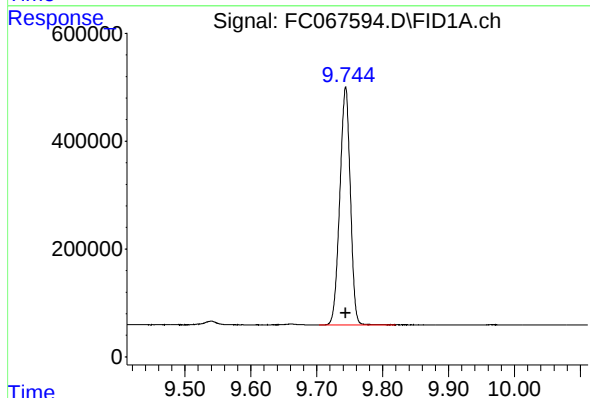
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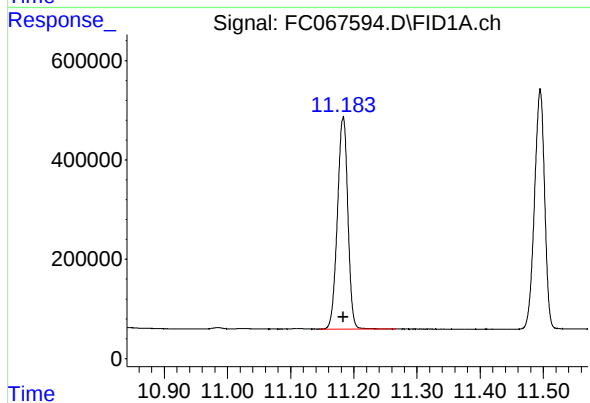
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: 0.002 min
Response: 4949618
Conc: 37.71 ug/ml



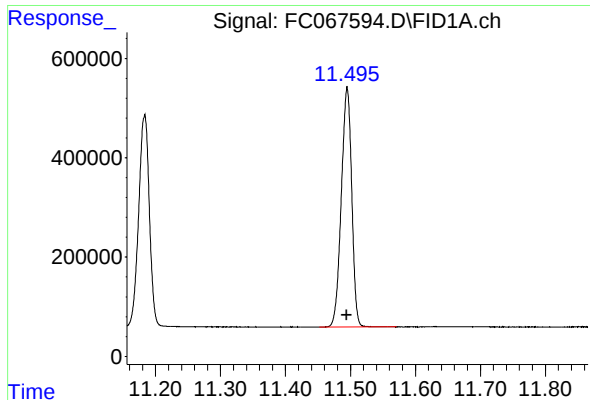
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 4886125
Conc: 36.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 4895582
Conc: 37.06 ug/ml



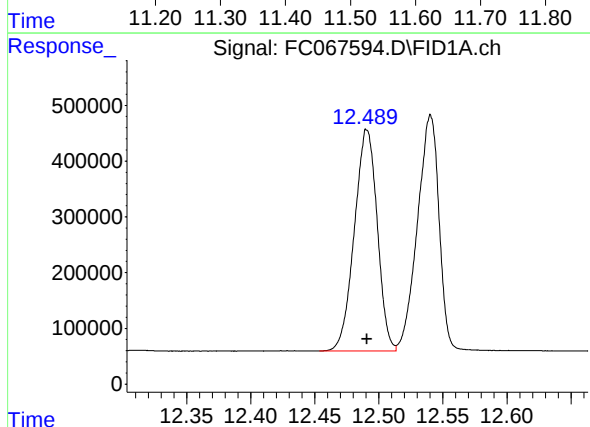
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 5371020
Conc: 36.60 ug/ml

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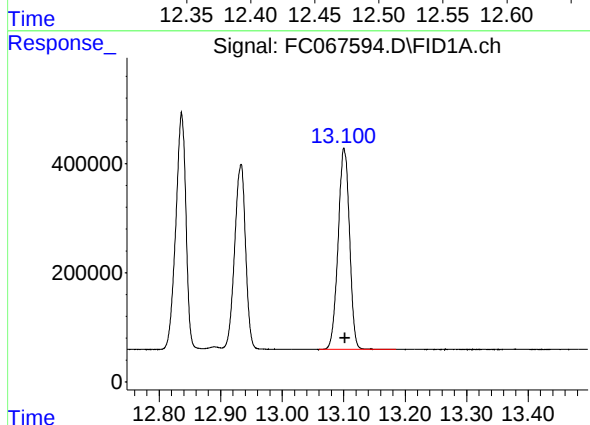
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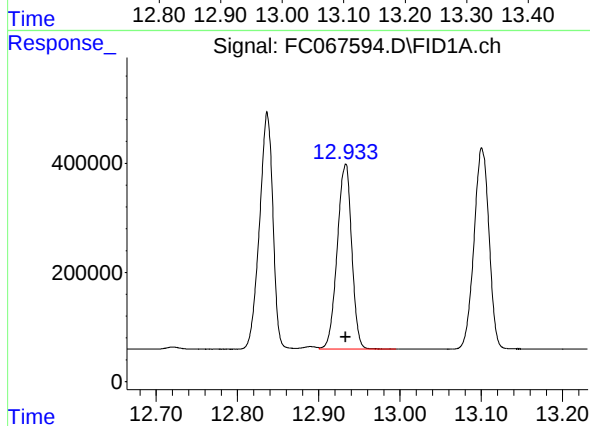
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 4937729
Conc: 39.13 ug/ml



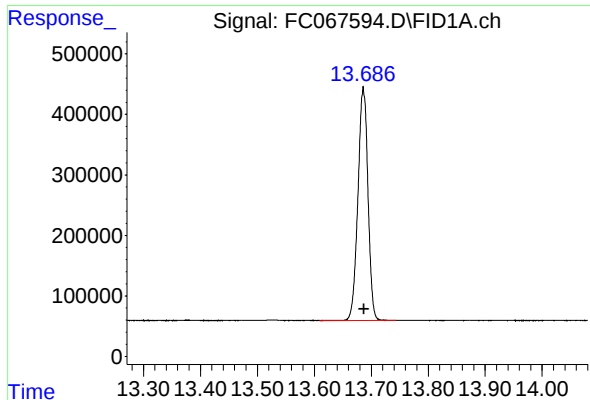
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 4745929
Conc: 38.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 4200501
Conc: 38.90 ug/ml



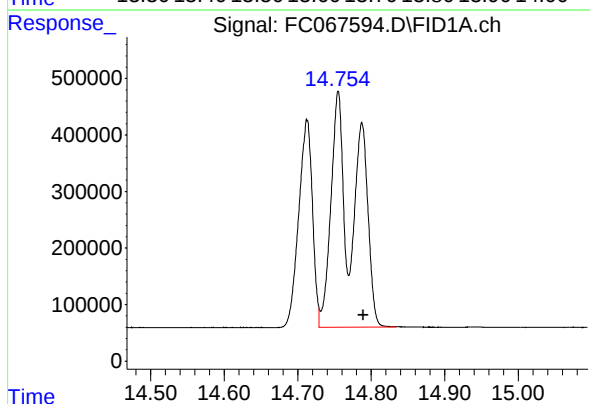
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.001 min
Response: 4708499
Conc: 38.45 ug/ml

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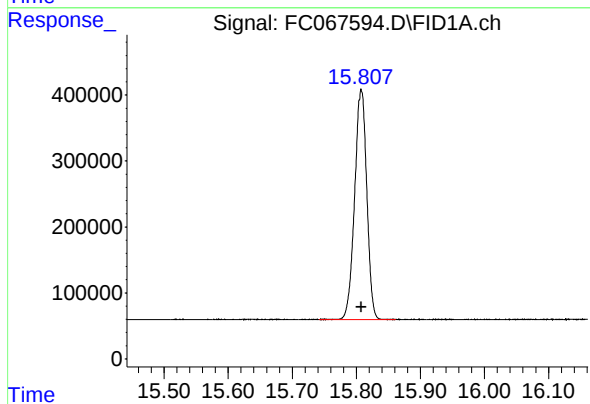
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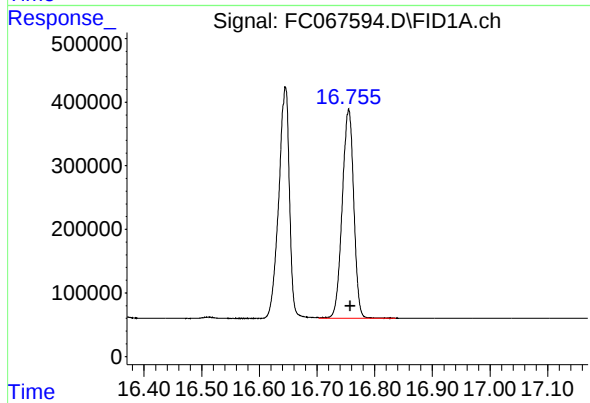
#14 n-Tetracosane (C24)

R.T.: 14.754 min
Delta R.T.: -0.035 min
Response: 9500089
Conc: 78.38 ug/ml m



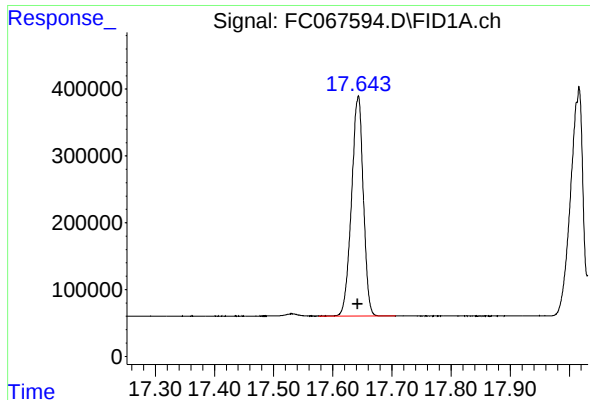
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 4587695
Conc: 38.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: -0.003 min
Response: 4578183
Conc: 38.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 4568018
Conc: 37.79 ug/ml

Instrument :

FID_C

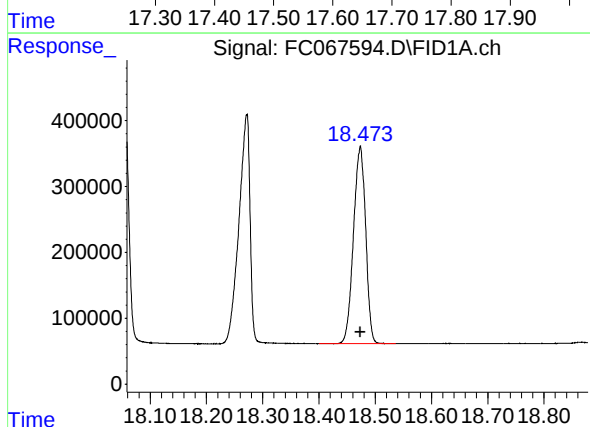
ClientSampleId :

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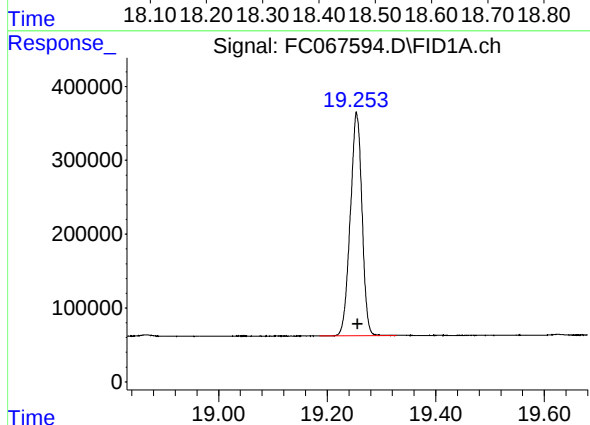
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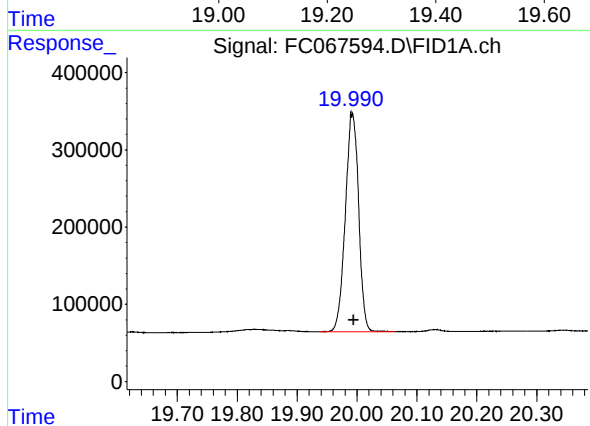
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.000 min
Response: 4502139
Conc: 38.05 ug/ml



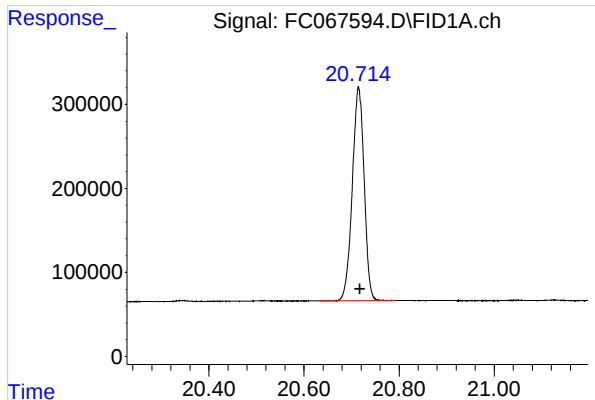
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.002 min
Response: 4514937
Conc: 43.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.002 min
Response: 4373116
Conc: 48.04 ug/ml



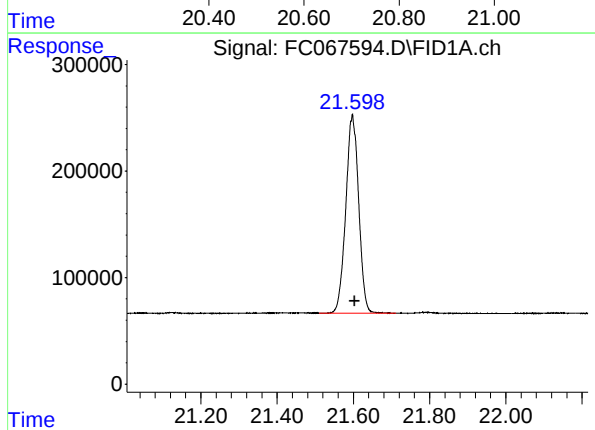
#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: -0.003 min
Response: 4383082
Conc: 50.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.006 min
Response: 4373194
Conc: 51.44 ug/ml