

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103024AL\
 Data File : FC067567.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 16:50
 Operator : YP/AJ
 Sample : PB164528BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164528BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 01 00:19:13 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)	11.496	5781590	39.403 ug/ml
Spiked Amount 50.000		Recovery =	78.81%
12) S 1-chlorooctadecane (S...	12.933	4554419	42.175 ug/ml
Spiked Amount 50.000		Recovery =	84.35%
Target Compounds			
1) T n-Nonane (C9)	3.282	4458175	33.092 ug/ml
2) T n-Decane (C10)	4.343	4674184	34.307 ug/ml
3) T A~Naphthalene (C11.7)	5.918	5189132	35.017 ug/ml
4) T n-Dodecane (C12)	6.355	4828195	35.648 ug/ml
5) T A~2-methylnaphthalene...	6.972	4816346	34.105 ug/ml
6) T n-Tetradecane (C14)	8.148	4934107	37.590 ug/ml
7) T n-Hexadecane (C16)	9.745	5138245	38.896 ug/ml
8) T n-Octadecane (C18)	11.185	5226734	39.563 ug/ml
10) T n-Eicosane (C20)	12.492	5284389	41.881 ug/ml
11) T n-Heneicosane (C21)	13.102	5075601	41.126 ug/ml
13) T n-Docosane (C22)	13.687	5029045	41.071 ug/ml
14) T n-Tetracosane (C24)	14.757	10065861	83.045 ug/mlm
15) T n-Hexacosane (C26)	15.809	4908257	41.227 ug/ml
16) T n-Octacosane (C28)	16.754	4891217	41.575 ug/ml
17) T n-Tricontane (C30)	17.642	4882678	40.396 ug/ml
18) T n-Dotriacontane (C32)	18.471	4815484	40.699 ug/ml
19) T n-Tetratriacontane (C34)	19.253	4819057	46.015 ug/ml
20) T n-Hexatriacontane (C36)	19.992	4657638	51.168 ug/ml
21) T n-Octatriacontane (C38)	20.714	4666262	53.881 ug/ml
22) T n-Tetracontane (C40)	21.599	4635132	54.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

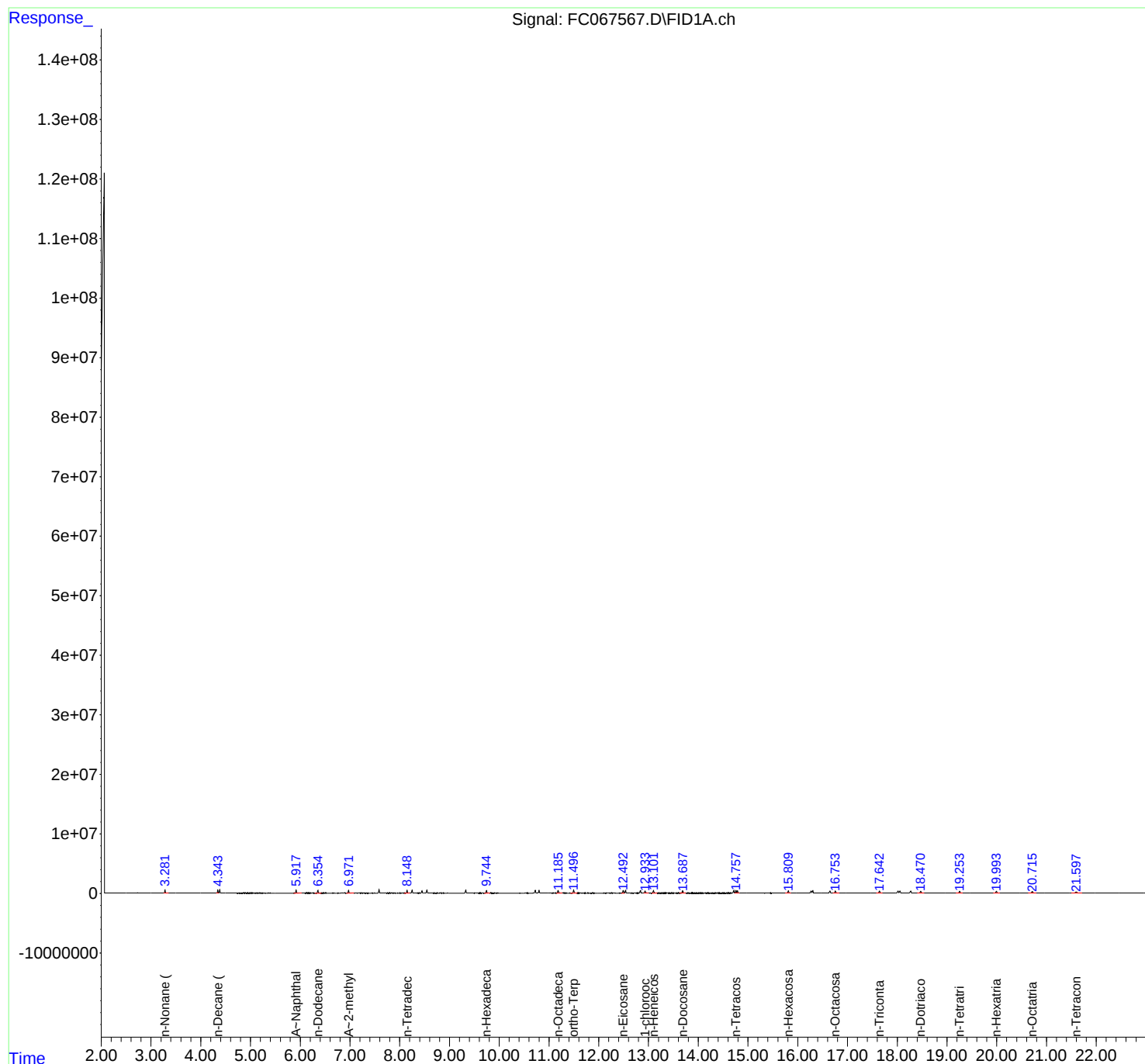
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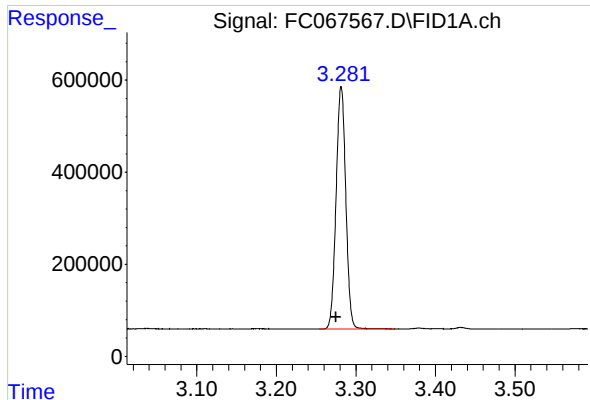
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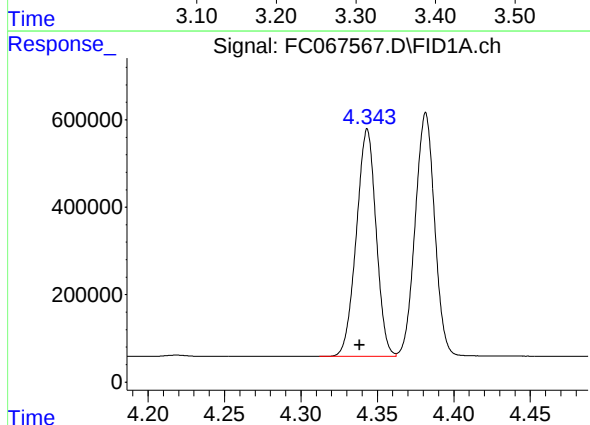
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.007 min
Response: 4458175
Conc: 33.09 ug/ml

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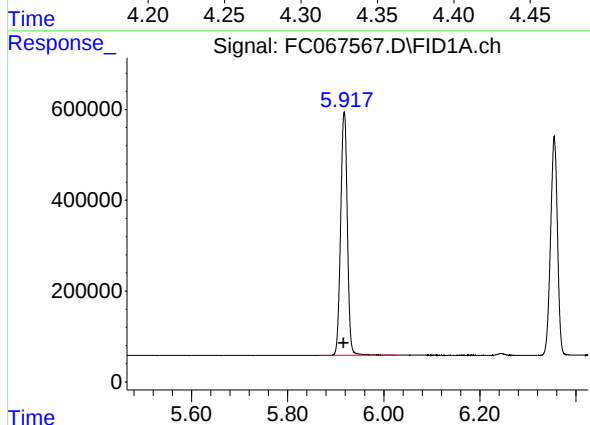
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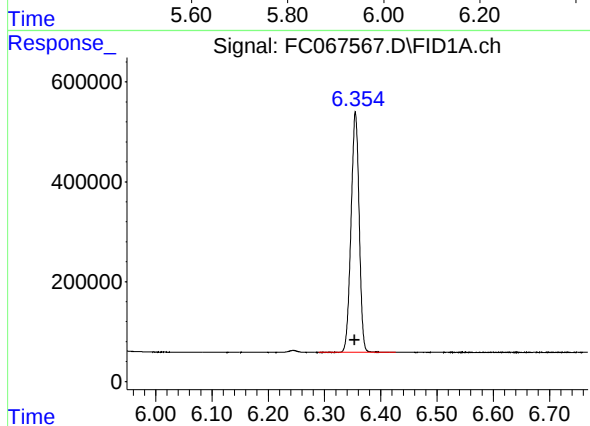
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 4674184
Conc: 34.31 ug/ml



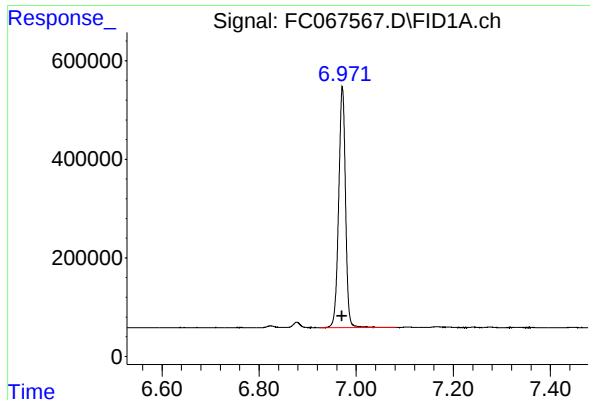
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 5189132
Conc: 35.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 4828195
Conc: 35.65 ug/ml



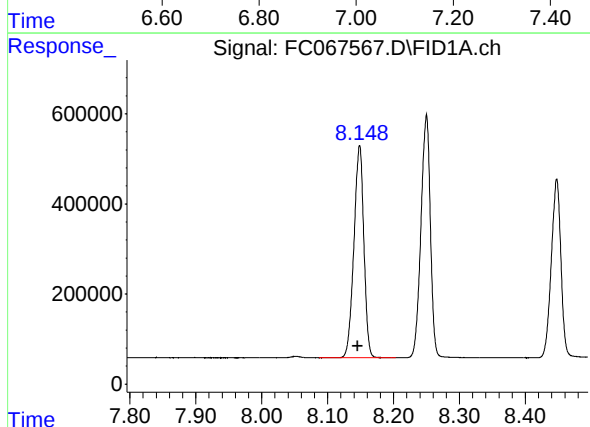
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 4816346
Conc: 34.10 ug/ml

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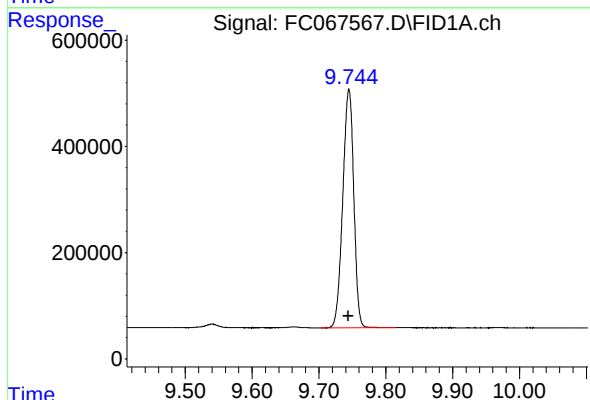
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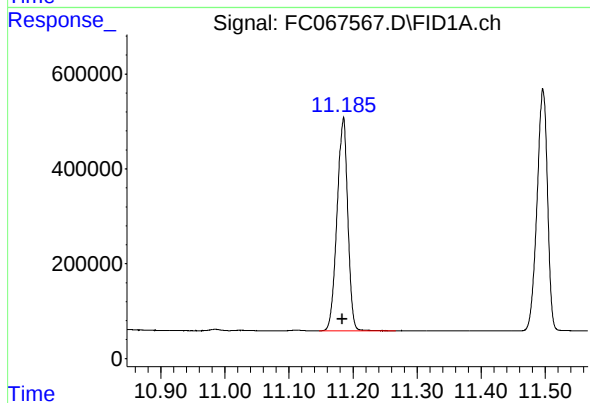
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: 0.002 min
Response: 4934107
Conc: 37.59 ug/ml



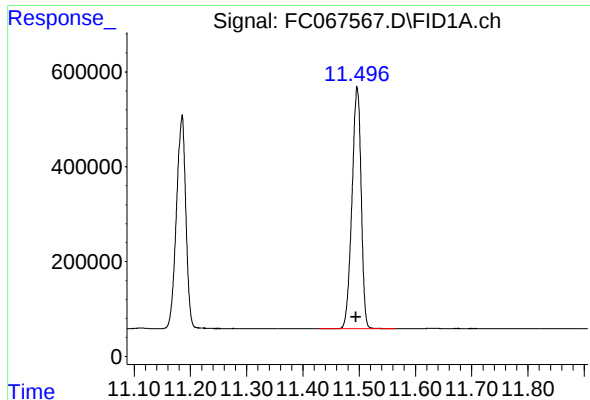
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 5138245
Conc: 38.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 5226734
Conc: 39.56 ug/ml



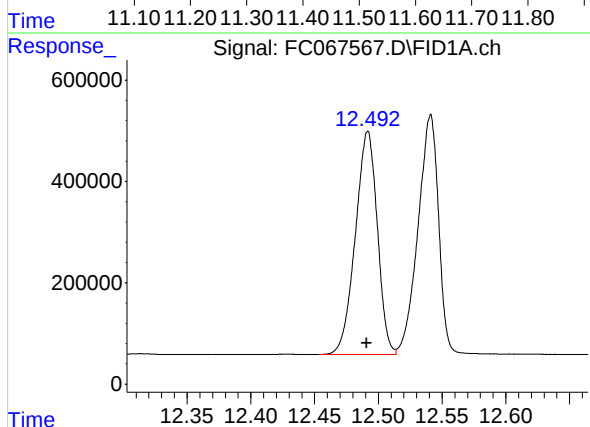
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 5781590
Conc: 39.40 ug/ml

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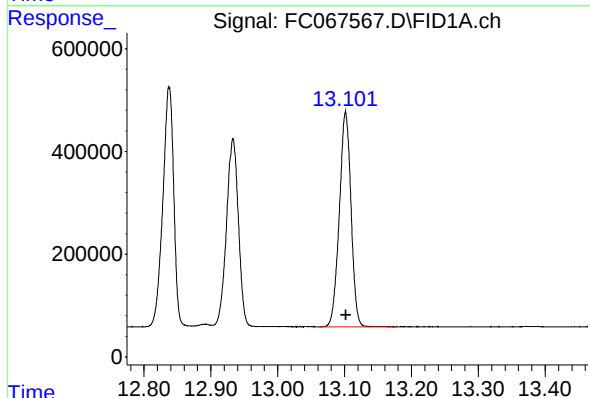
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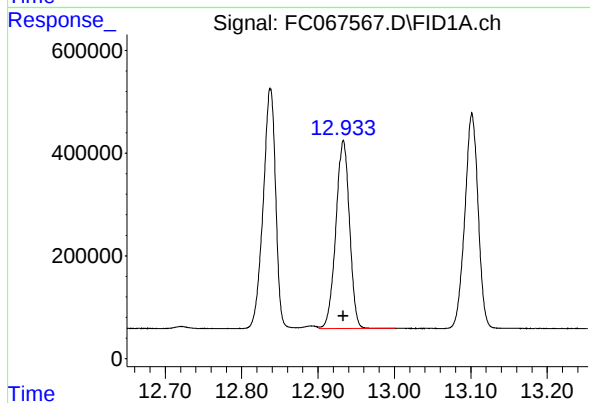
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 5284389
Conc: 41.88 ug/ml



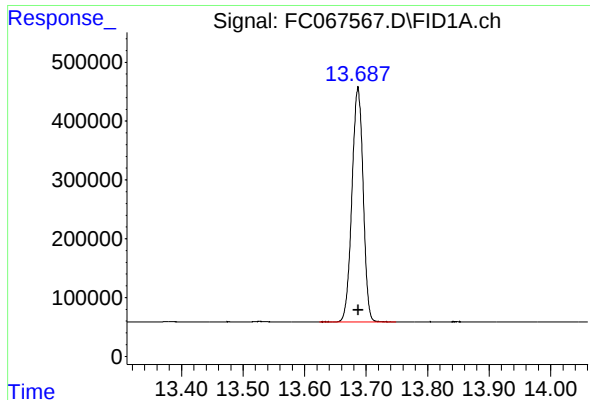
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 5075601
Conc: 41.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 4554419
Conc: 42.18 ug/ml



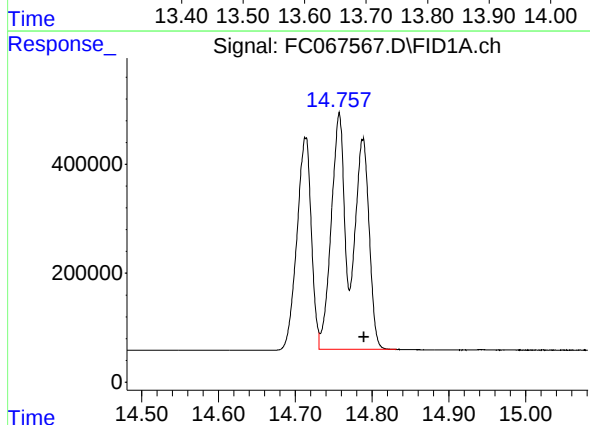
#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 5029045
Conc: 41.07 ug/ml

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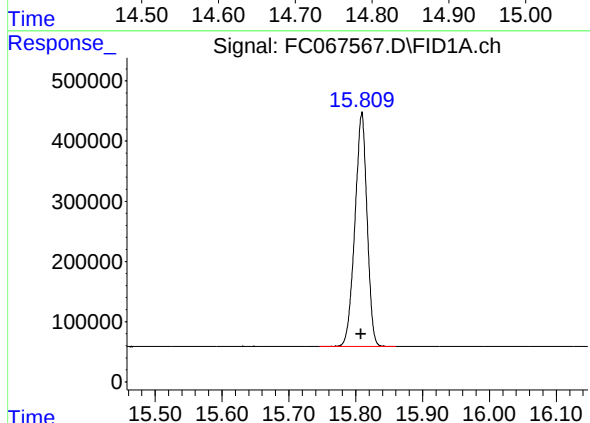
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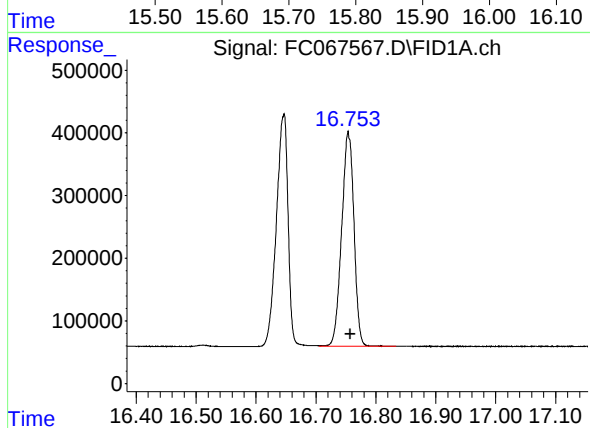
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.032 min
Response: 10065861
Conc: 83.04 ug/ml m



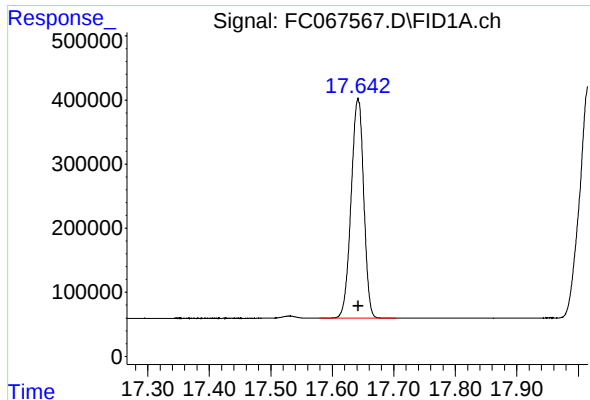
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.001 min
Response: 4908257
Conc: 41.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 4891217
Conc: 41.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4882678
Conc: 40.40 ug/ml

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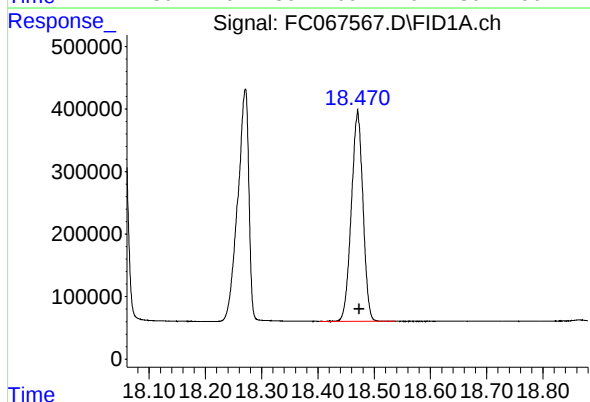
ClientSampleId :

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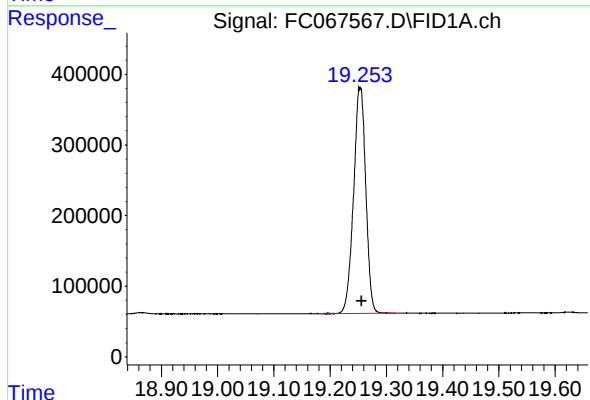
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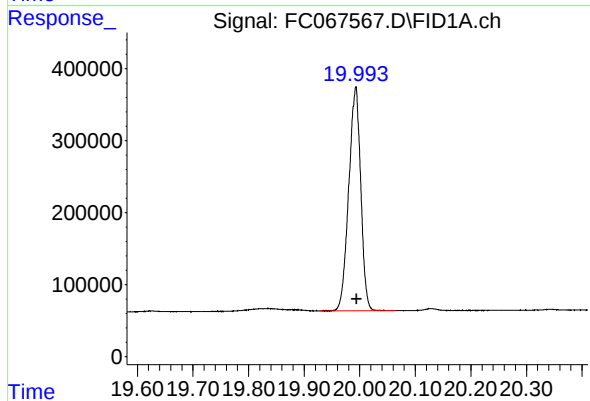
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 4815484
Conc: 40.70 ug/ml



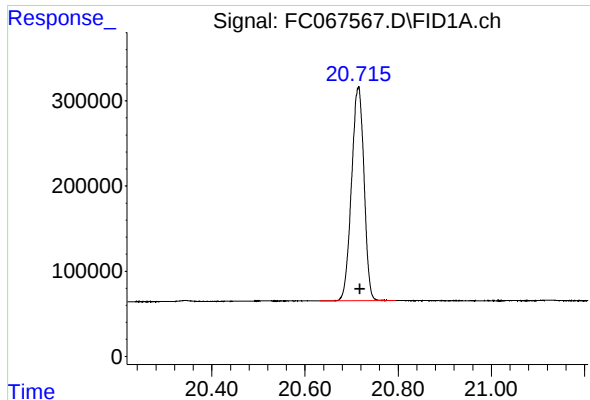
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 4819057
Conc: 46.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.002 min
Response: 4657638
Conc: 51.17 ug/ml



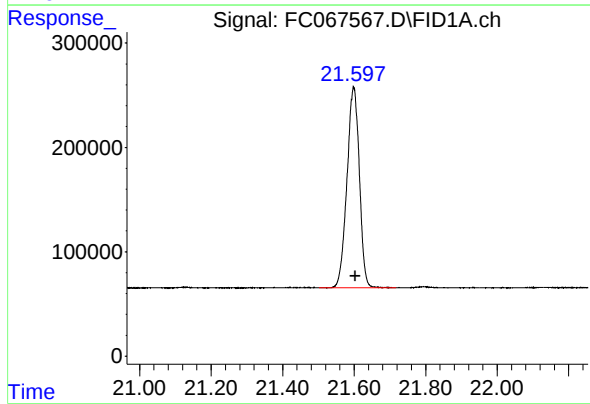
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 4666262
Conc: 53.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: -0.005 min
Response: 4635132
Conc: 54.52 ug/ml