

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067170.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 12:57
 Operator : YP/AJ
 Sample : PB163519BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163519BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e

Quant Time: Sep 20 03:51:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)	11.508	5947380	42.712 ug/ml
Spiked Amount 50.000		Recovery =	85.42%
12) S 1-chlorooctadecane (S...	12.946	4560107	46.681 ug/ml
Spiked Amount 50.000		Recovery =	93.36%
Target Compounds			
1) T n-Nonane (C9)	3.287	5253492	39.605 ug/ml
2) T n-Decane (C10)	4.349	5742734	42.758 ug/ml
3) T A~Naphthalene (C11.7)	5.924	6300893	44.334 ug/ml
4) T n-Dodecane (C12)	6.361	5969472	44.596 ug/ml
5) T A~2-methylnaphthalene...	6.979	5727705	42.892 ug/ml
6) T n-Tetradecane (C14)	8.157	6238065	48.404 ug/ml
7) T n-Hexadecane (C16)	9.755	6174365	47.891 ug/ml
8) T n-Octadecane (C18)	11.196	6124682	47.871 ug/ml
10) T n-Eicosane (C20)	12.505	6017674	50.100 ug/ml
11) T n-Heneicosane (C21)	13.116	5735345	49.107 ug/ml
13) T n-Docosane (C22)	13.702	5614689	48.629 ug/ml
14) T n-Tetracosane (C24)	14.771	10743687	94.607 ug/mlm
15) T n-Hexacosane (C26)	15.824	5399661	48.721 ug/ml
16) T n-Octacosane (C28)	16.771	5257175	48.669 ug/mlm
17) T n-Tricontane (C30)	17.659	5336012	49.056 ug/ml
18) T n-Dotriacontane (C32)	18.490	5283243	50.651 ug/ml
19) T n-Tetratriacontane (C34)	19.273	5201333	56.378 ug/ml
20) T n-Hexatriacontane (C36)	20.012	4948285	62.441 ug/ml
21) T n-Octatriacontane (C38)	20.737	4795026	63.835 ug/ml
22) T n-Tetracontane (C40)	21.630	4211627	60.283 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
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Acq On : 19 Sep 2024 12:57
Operator : YP/AJ
Sample : PB163519BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

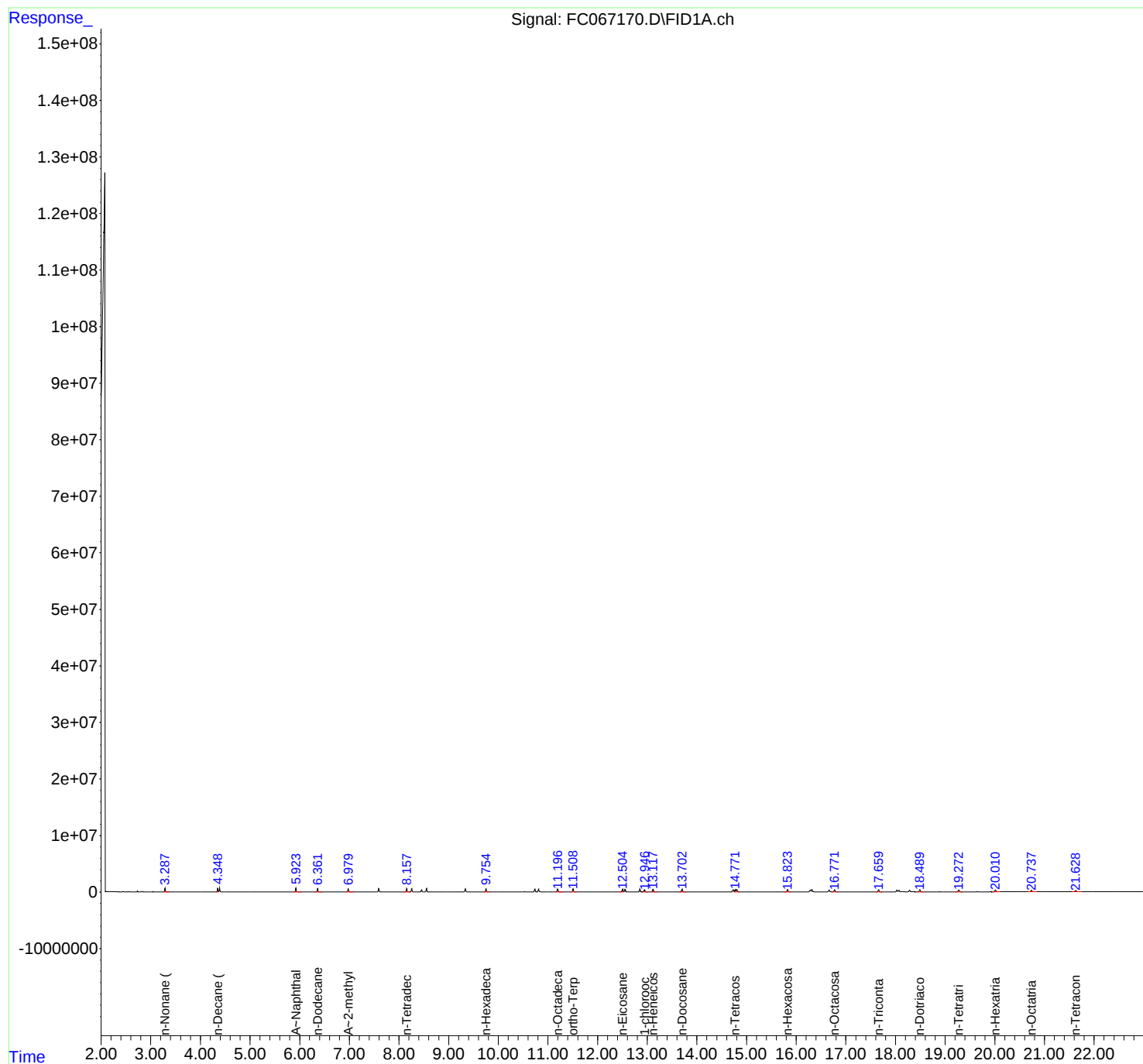
Instrument :
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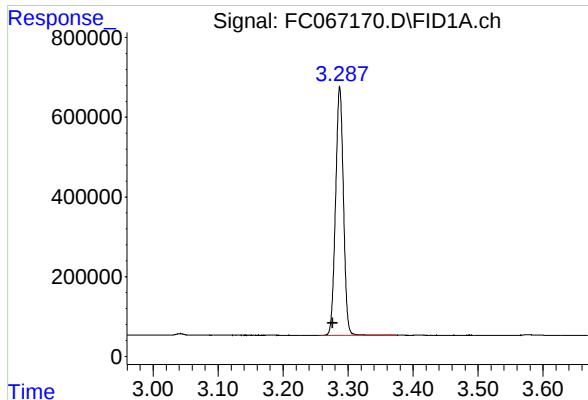
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Integration File: autoint1.e
Quant Time: Sep 20 03:51:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Wed Sep 11 02:55:44 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.011 min
Response: 5253492
Conc: 39.61 ug/ml

Instrument :

FID_C

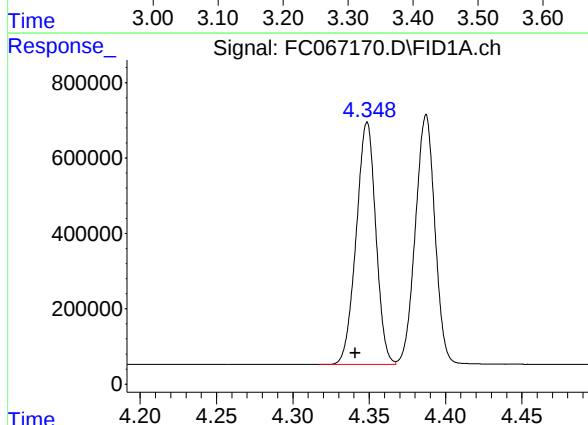
ClientSampleId :

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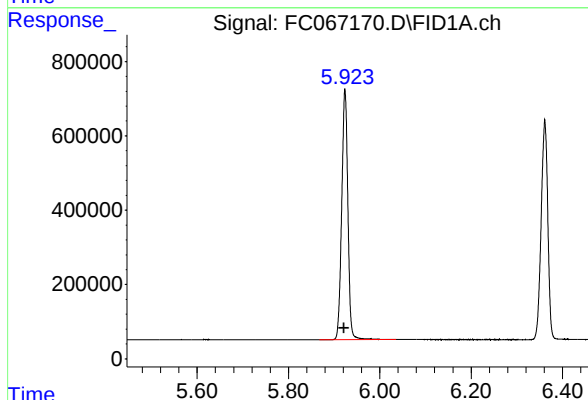
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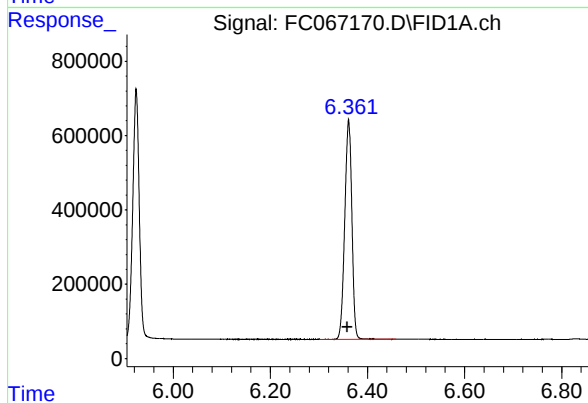
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 5742734
Conc: 42.76 ug/ml



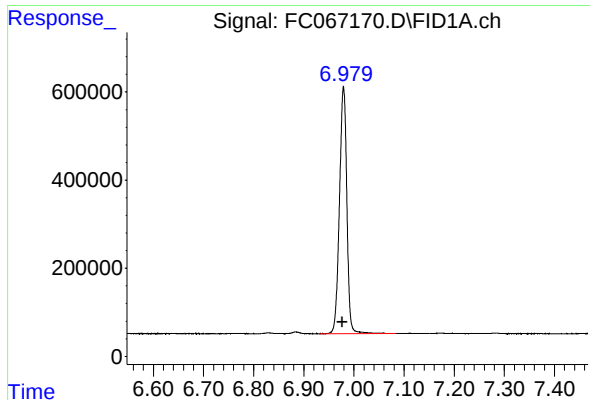
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 6300893
Conc: 44.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 5969472
Conc: 44.60 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 5727705
Conc: 42.89 ug/ml

Instrument :

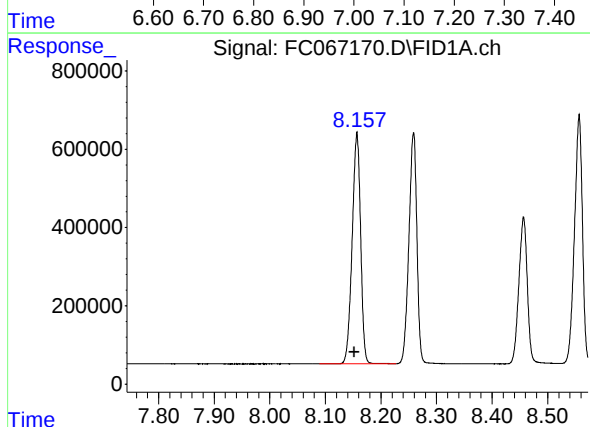
FID_C

ClientSampleId :

PB163519BS

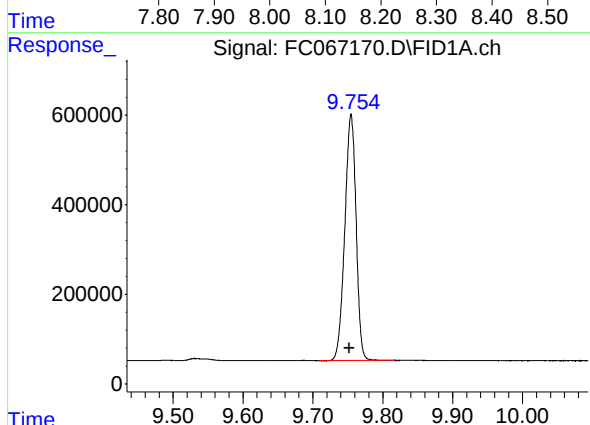
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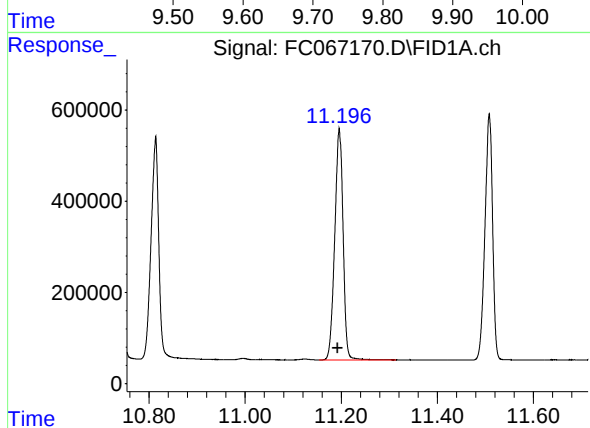
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 6238065
Conc: 48.40 ug/ml



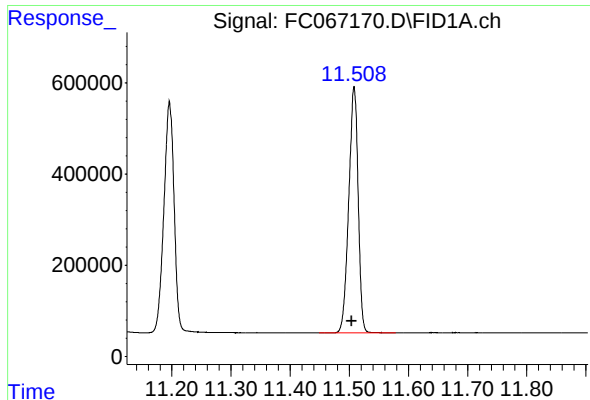
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 6174365
Conc: 47.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 6124682
Conc: 47.87 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 5947380
Conc: 42.71 ug/ml

Instrument :

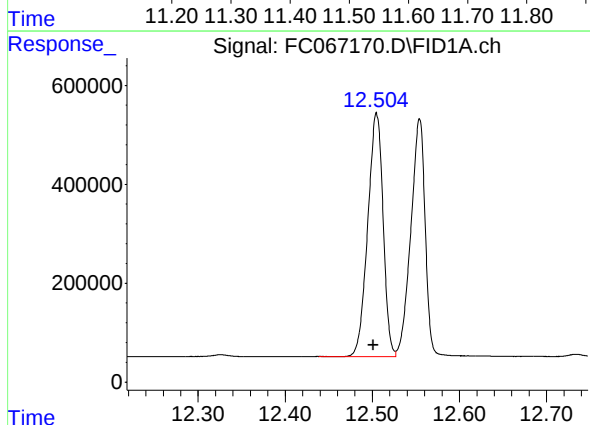
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ClientSampleId :

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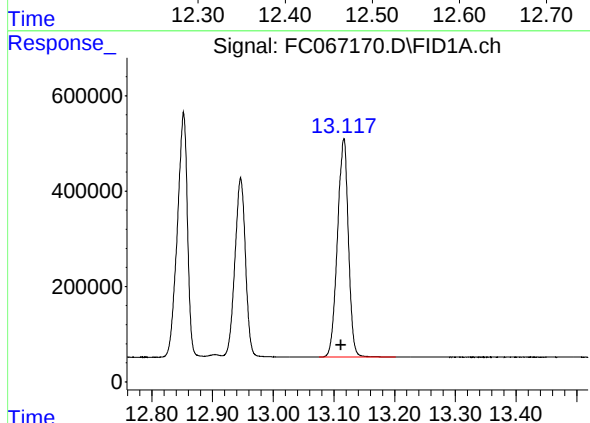
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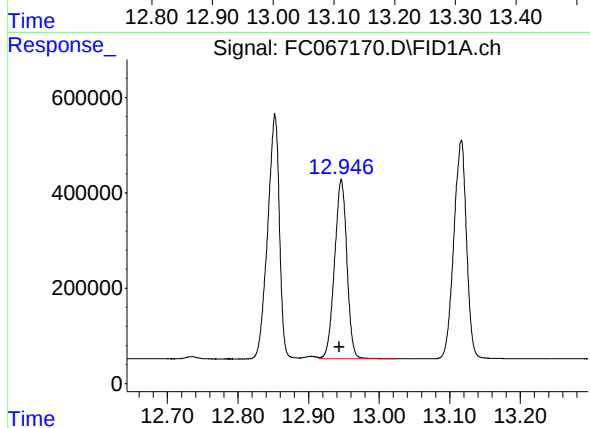
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.004 min
Response: 6017674
Conc: 50.10 ug/ml



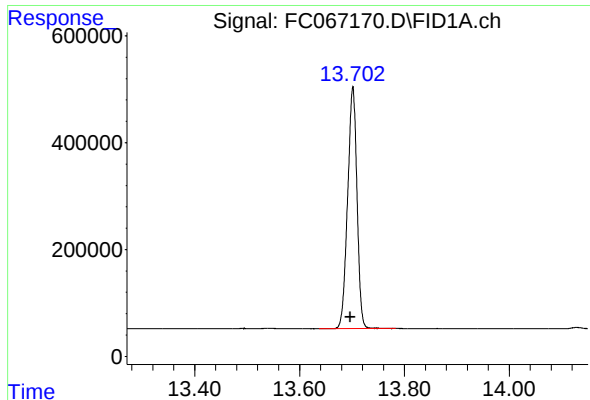
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.004 min
Response: 5735345
Conc: 49.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 4560107
Conc: 46.68 ug/ml



#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.004 min
Response: 5614689
Conc: 48.63 ug/ml

Instrument :

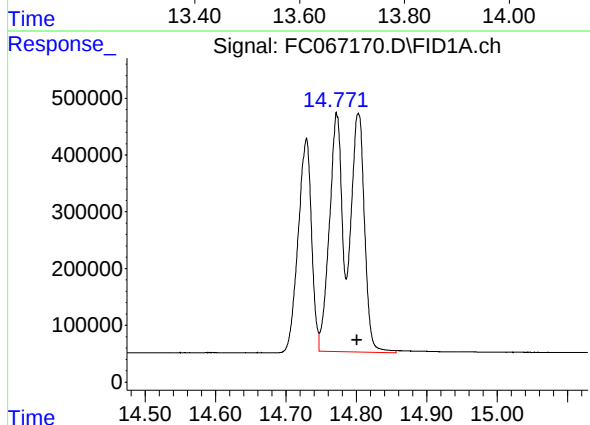
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ClientSampleId :

PB163519BS

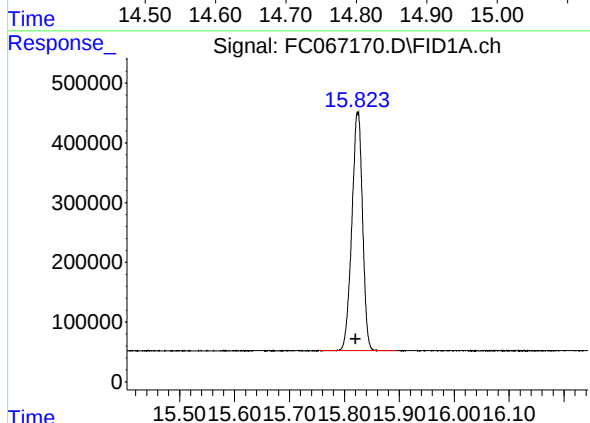
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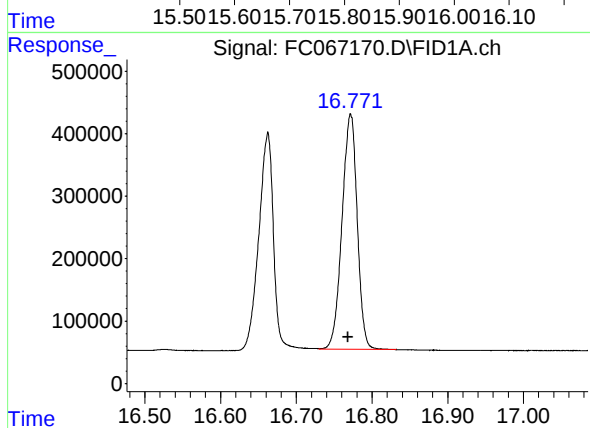
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.029 min
Response: 10743687
Conc: 94.61 ug/ml m



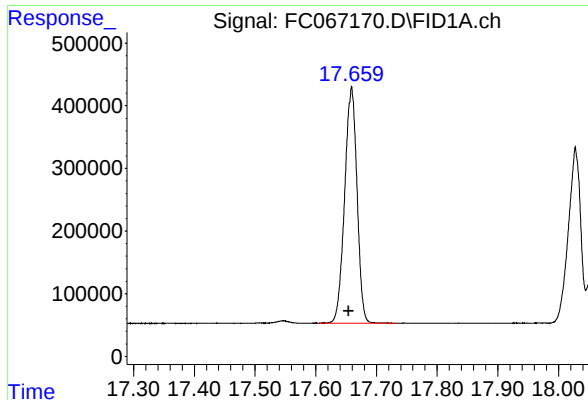
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.004 min
Response: 5399661
Conc: 48.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5257175
Conc: 48.67 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.005 min
Response: 5336012
Conc: 49.06 ug/ml

Instrument :

FID_C

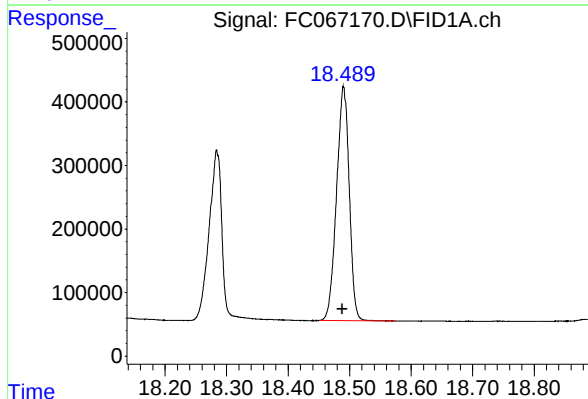
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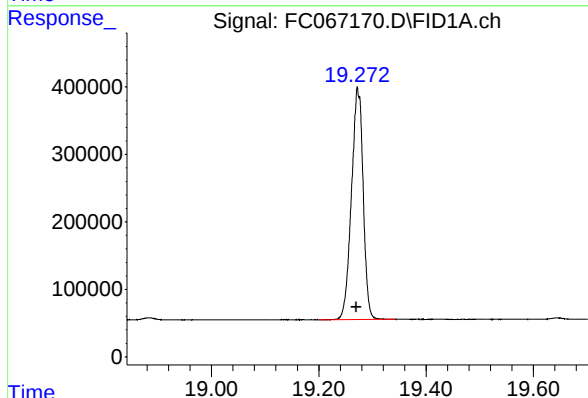
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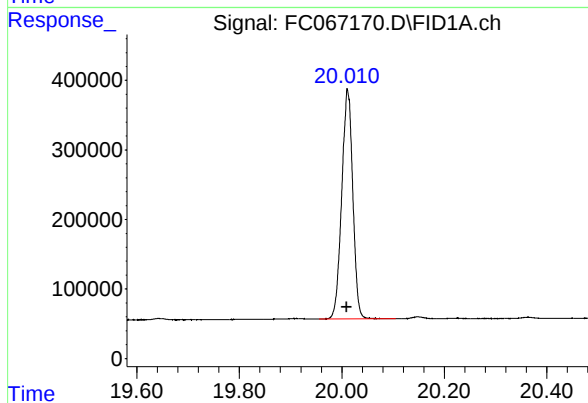
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.002 min
Response: 5283243
Conc: 50.65 ug/ml



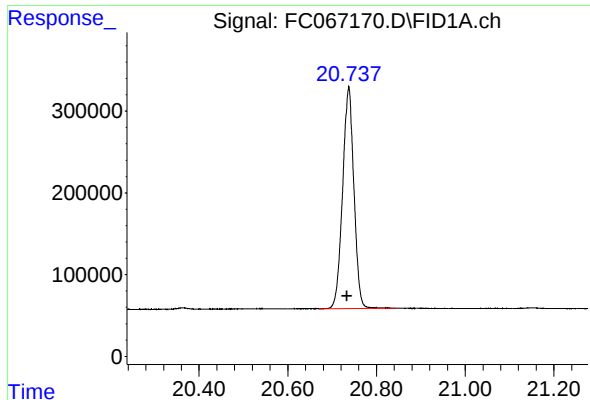
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.003 min
Response: 5201333
Conc: 56.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 4948285
Conc: 62.44 ug/ml



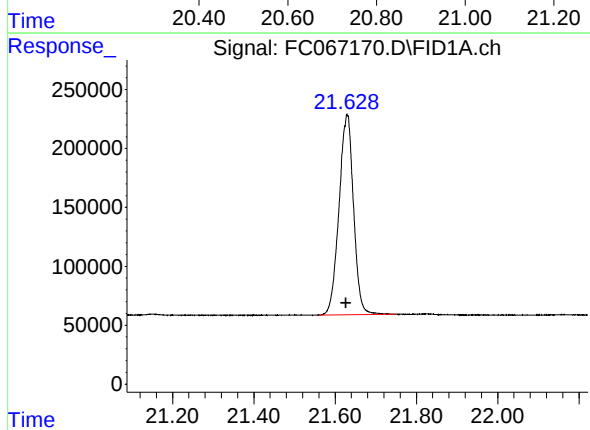
#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.004 min
Response: 4795026
Conc: 63.84 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: 0.003 min
Response: 4211627
Conc: 60.28 ug/ml