

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067149.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 13:50
 Operator : YP/AJ
 Sample : PB163482BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163482BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 04:04:35 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	5842365	41.957 ug/ml
Spiked Amount 50.000		Recovery =	83.91%
12) S 1-chlorooctadecane (S...	12.946	4441535	45.468 ug/ml
Spiked Amount 50.000		Recovery =	90.94%
Target Compounds			
1) T n-Nonane (C9)	3.288	5047448	38.052 ug/ml
2) T n-Decane (C10)	4.349	5519605	41.097 ug/ml
3) T A~Naphthalene (C11.7)	5.925	6140451	43.205 ug/ml
4) T n-Dodecane (C12)	6.363	5810592	43.409 ug/ml
5) T A~2-methylnaphthalene...	6.980	5631211	42.170 ug/ml
6) T n-Tetradecane (C14)	8.158	6095230	47.295 ug/ml
7) T n-Hexadecane (C16)	9.755	6071791	47.095 ug/ml
8) T n-Octadecane (C18)	11.196	6012158	46.991 ug/ml
10) T n-Eicosane (C20)	12.505	5950785	49.543 ug/ml
11) T n-Heneicosane (C21)	13.115	5691179	48.728 ug/ml
13) T n-Docosane (C22)	13.700	5602370	48.522 ug/ml
14) T n-Tetracosane (C24)	14.772	10875372	95.766 ug/mlm
15) T n-Hexacosane (C26)	15.824	5430231	48.997 ug/ml
16) T n-Octacosane (C28)	16.771	5282685	48.905 ug/mlm
17) T n-Tricontane (C30)	17.658	5350949	49.193 ug/ml
18) T n-Dotriacontane (C32)	18.488	5264623	50.473 ug/ml
19) T n-Tetratriacontane (C34)	19.271	5119787	55.494 ug/ml
20) T n-Hexatriacontane (C36)	20.010	4671791	58.952 ug/ml
21) T n-Octatriacontane (C38)	20.735	4260792	56.723 ug/ml
22) T n-Tetracontane (C40)	21.624	3529013	50.512 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
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Operator : YP/AJ
Sample : PB163482BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

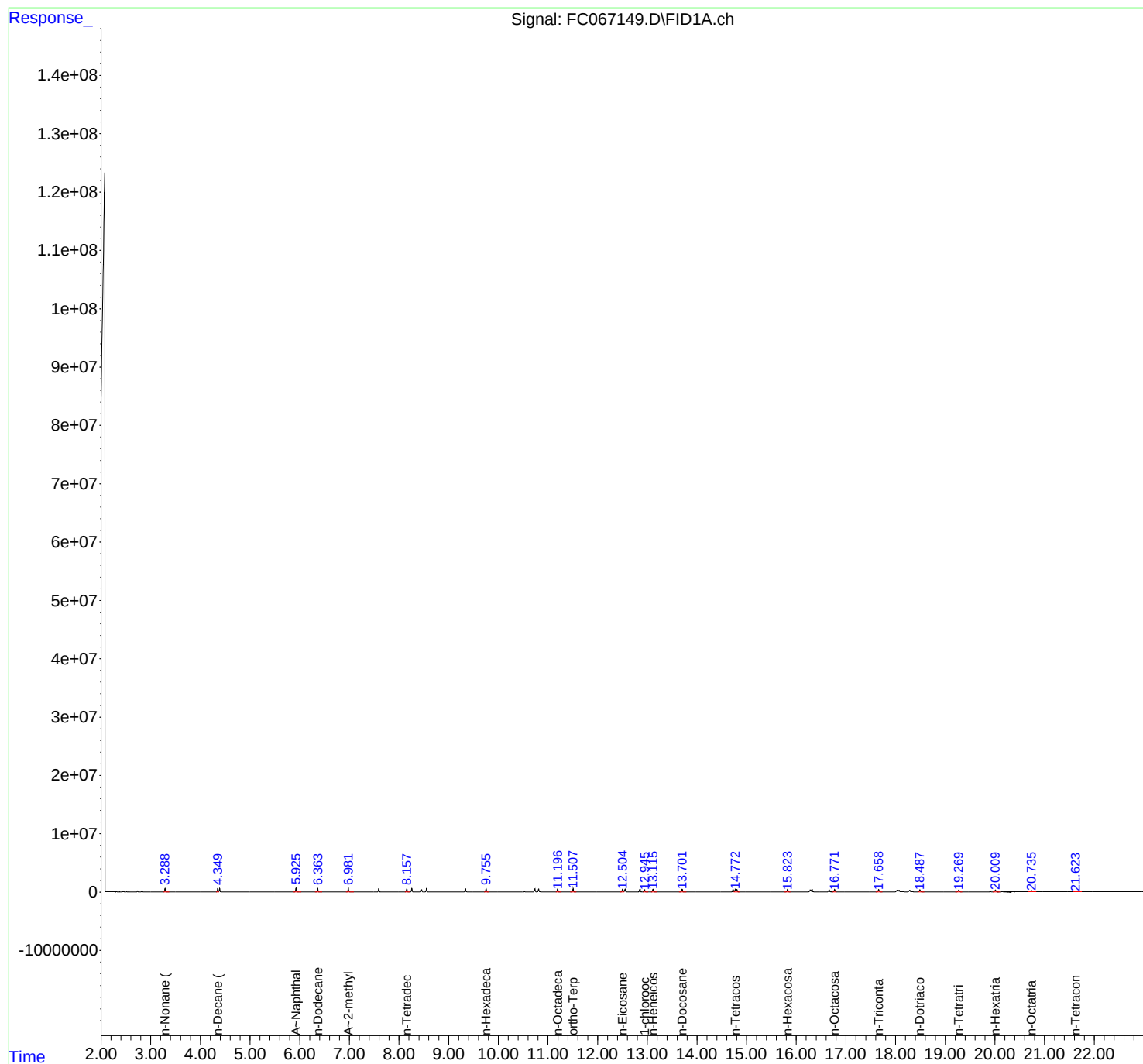
Instrument :
FID_C
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PB163482BSD

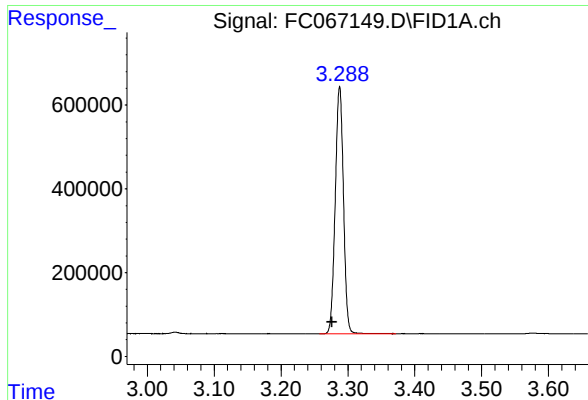
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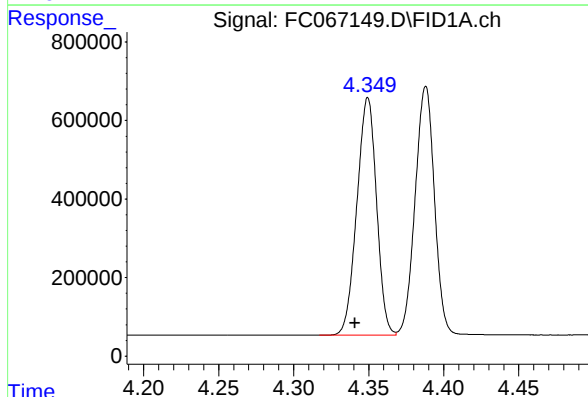
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 5047448
Conc: 38.05 ug/ml

Instrument :
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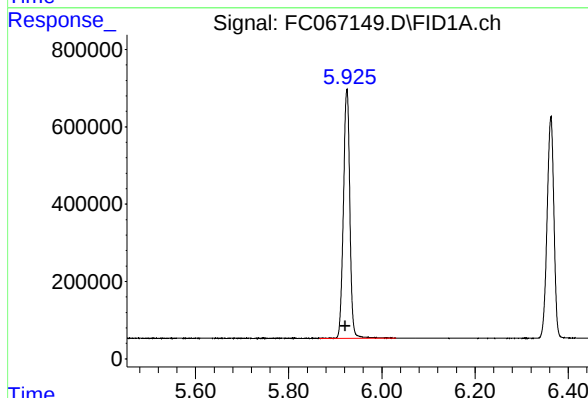
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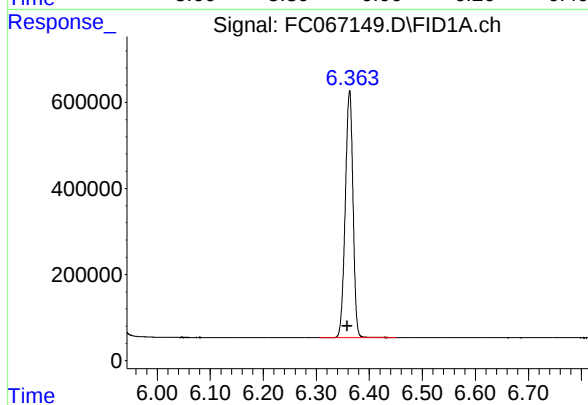
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 5519605
Conc: 41.10 ug/ml



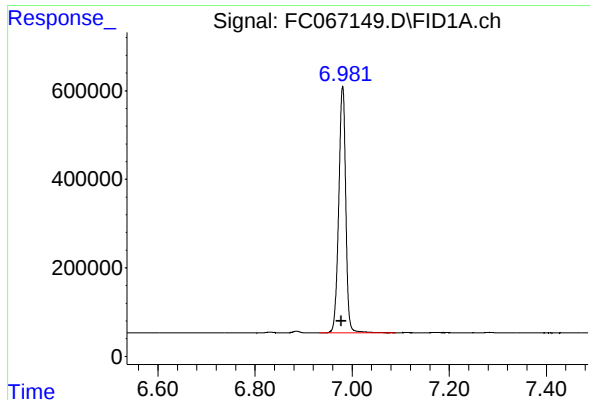
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 6140451
Conc: 43.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.004 min
Response: 5810592
Conc: 43.41 ug/ml



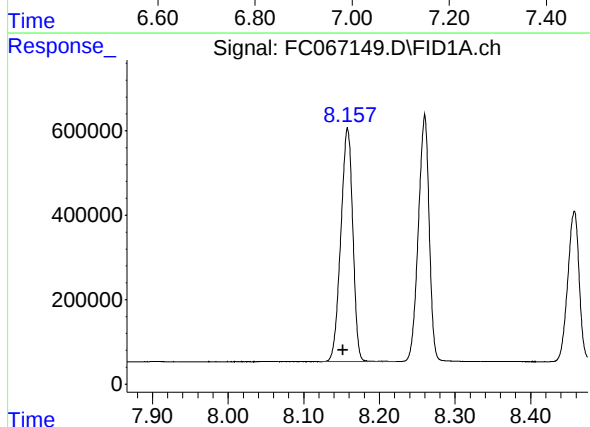
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 5631211
Conc: 42.17 ug/ml

Instrument :
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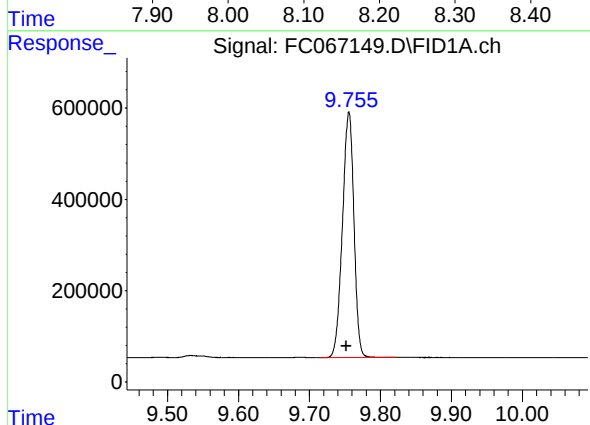
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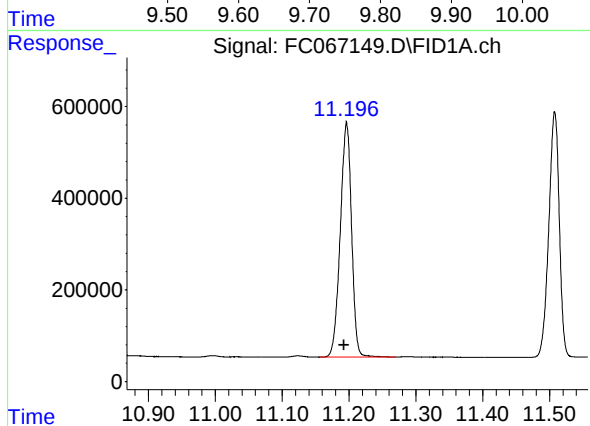
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 6095230
Conc: 47.30 ug/ml



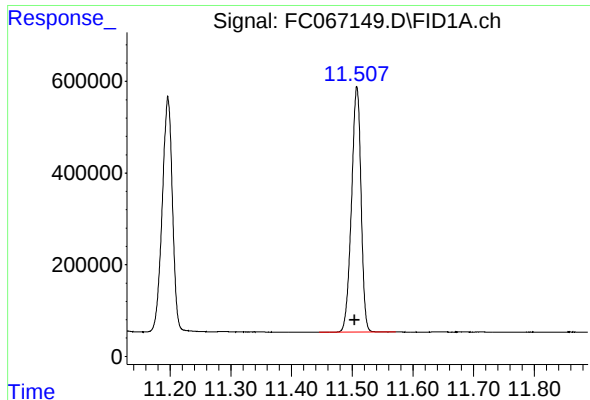
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.004 min
Response: 6071791
Conc: 47.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.004 min
Response: 6012158
Conc: 46.99 ug/ml



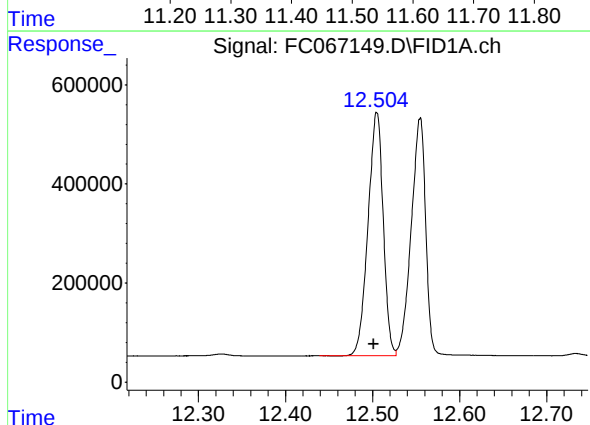
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 5842365
Conc: 41.96 ug/ml

Instrument :
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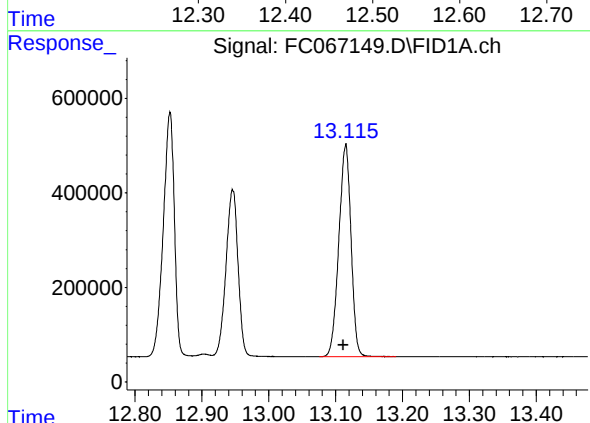
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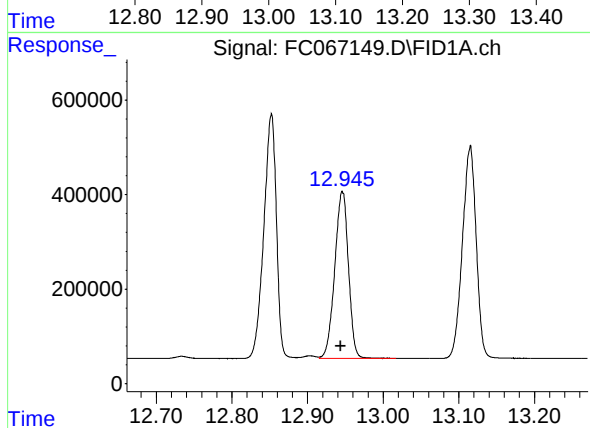
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.004 min
Response: 5950785
Conc: 49.54 ug/ml



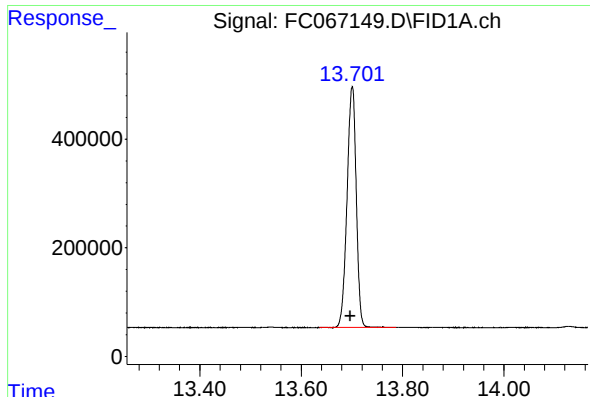
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5691179
Conc: 48.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 4441535
Conc: 45.47 ug/ml



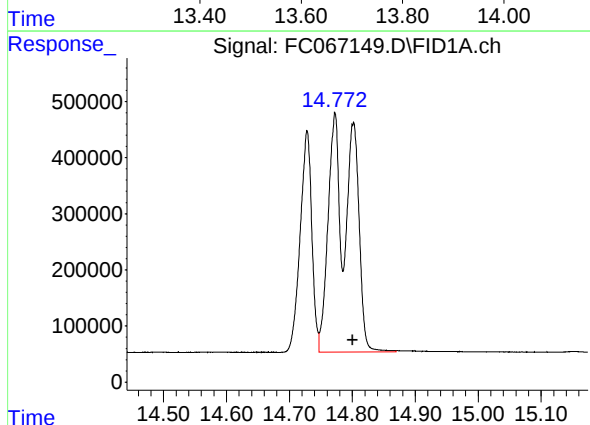
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5602370
Conc: 48.52 ug/ml

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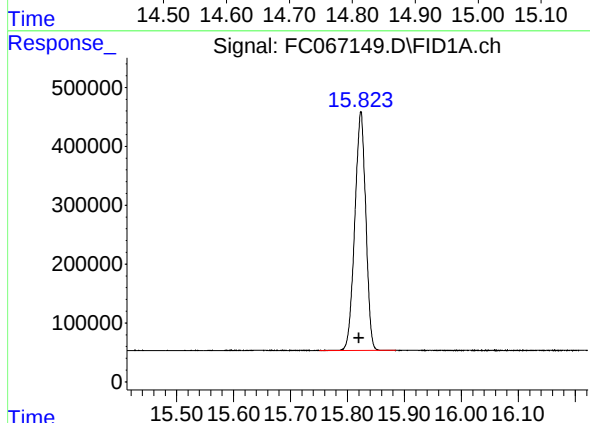
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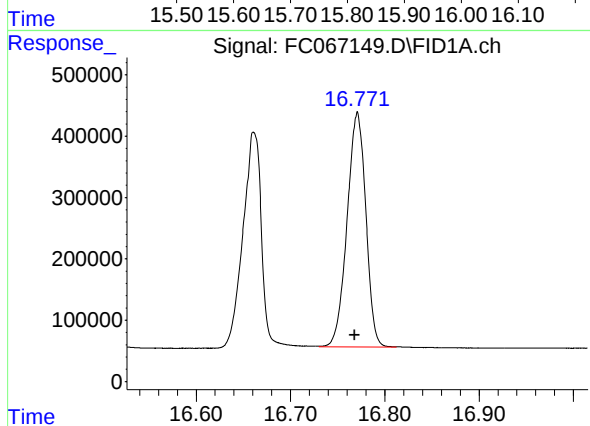
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: -0.029 min
Response: 10875372
Conc: 95.77 ug/ml m



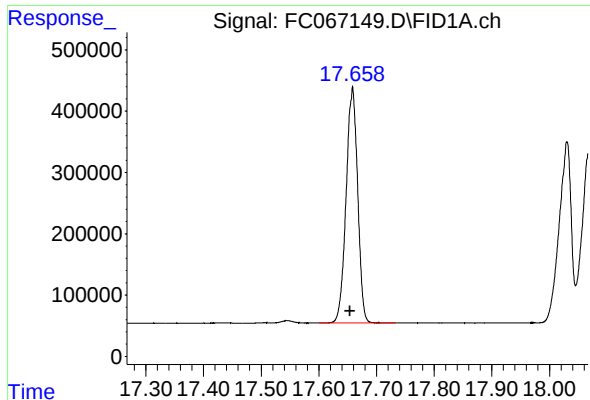
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.003 min
Response: 5430231
Conc: 49.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5282685
Conc: 48.90 ug/ml m



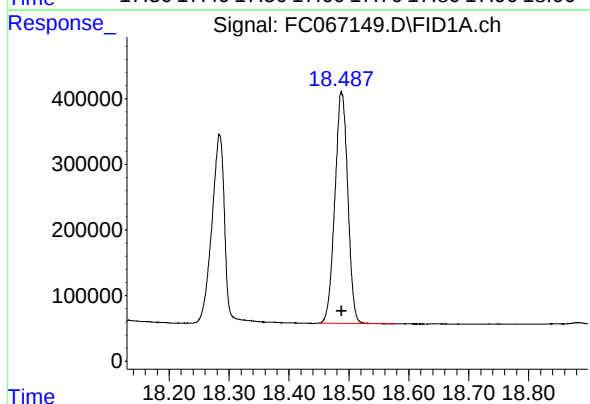
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.004 min
Response: 5350949
Conc: 49.19 ug/ml

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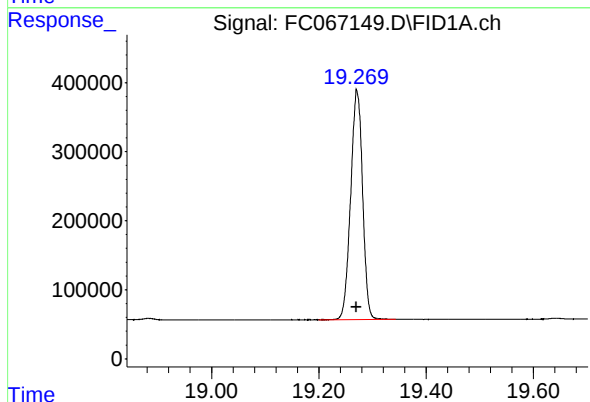
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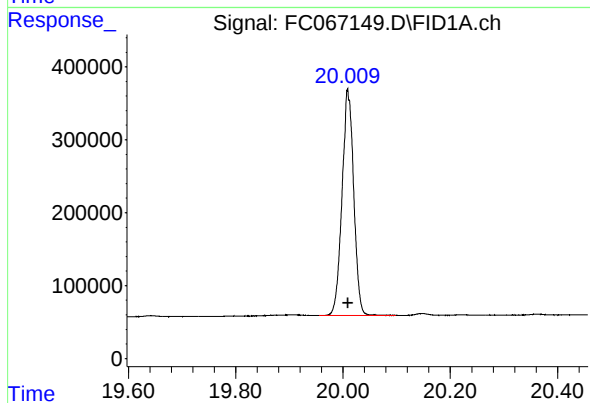
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.000 min
Response: 5264623
Conc: 50.47 ug/ml



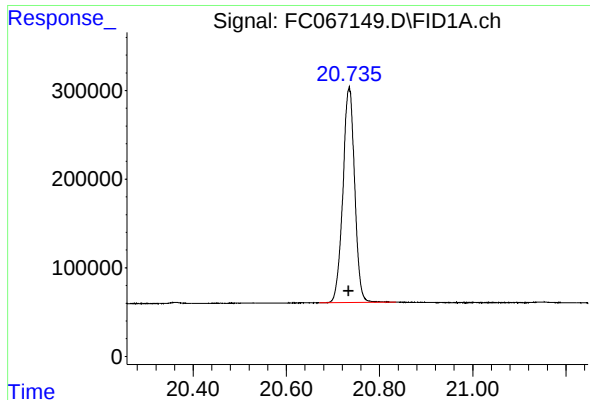
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.001 min
Response: 5119787
Conc: 55.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.000 min
Response: 4671791
Conc: 58.95 ug/ml



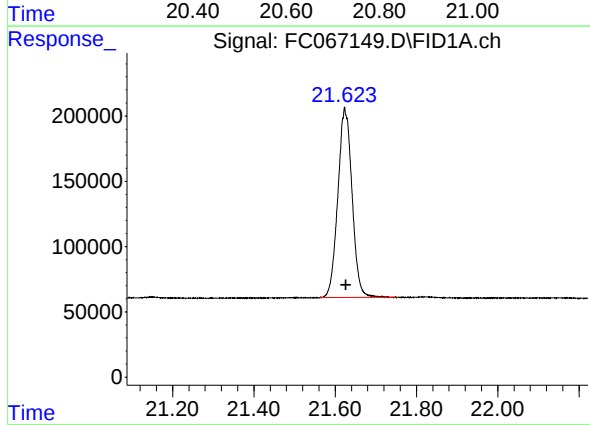
#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 4260792
Conc: 56.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.624 min
Delta R.T.: -0.003 min
Response: 3529013
Conc: 50.51 ug/ml