

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067158.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 20:51
 Operator : YP/AJ
 Sample : PB163487BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163487BSD

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 04:05:55 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	5980782	42.951 ug/ml
Spiked Amount 50.000		Recovery =	85.90%
12) S 1-chlorooctadecane (S...	12.946	4590664	46.994 ug/ml
Spiked Amount 50.000		Recovery =	93.99%
Target Compounds			
1) T n-Nonane (C9)	3.288	5181499	39.062 ug/ml
2) T n-Decane (C10)	4.349	5652606	42.087 ug/ml
3) T A~Naphthalene (C11.7)	5.925	6272368	44.133 ug/ml
4) T n-Dodecane (C12)	6.362	5942790	44.397 ug/ml
5) T A~2-methylnaphthalene...	6.980	5752472	43.078 ug/ml
6) T n-Tetradecane (C14)	8.157	6243164	48.443 ug/ml
7) T n-Hexadecane (C16)	9.755	6233714	48.351 ug/ml
8) T n-Octadecane (C18)	11.196	6188172	48.367 ug/ml
10) T n-Eicosane (C20)	12.504	6134867	51.076 ug/ml
11) T n-Heneicosane (C21)	13.115	5856834	50.147 ug/ml
13) T n-Docosane (C22)	13.700	5754506	49.840 ug/ml
14) T n-Tetracosane (C24)	14.803	11203873	98.659 ug/mlm
15) T n-Hexacosane (C26)	15.823	5545774	50.039 ug/ml
16) T n-Octacosane (C28)	16.771	5393989	49.935 ug/mlm
17) T n-Tricontane (C30)	17.659	5487206	50.446 ug/ml
18) T n-Dotriacontane (C32)	18.490	5421264	51.975 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5271730	57.141 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4821811	60.845 ug/ml
21) T n-Octatriacontane (C38)	20.736	4404095	58.631 ug/ml
22) T n-Tetracontane (C40)	21.625	3663920	52.443 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

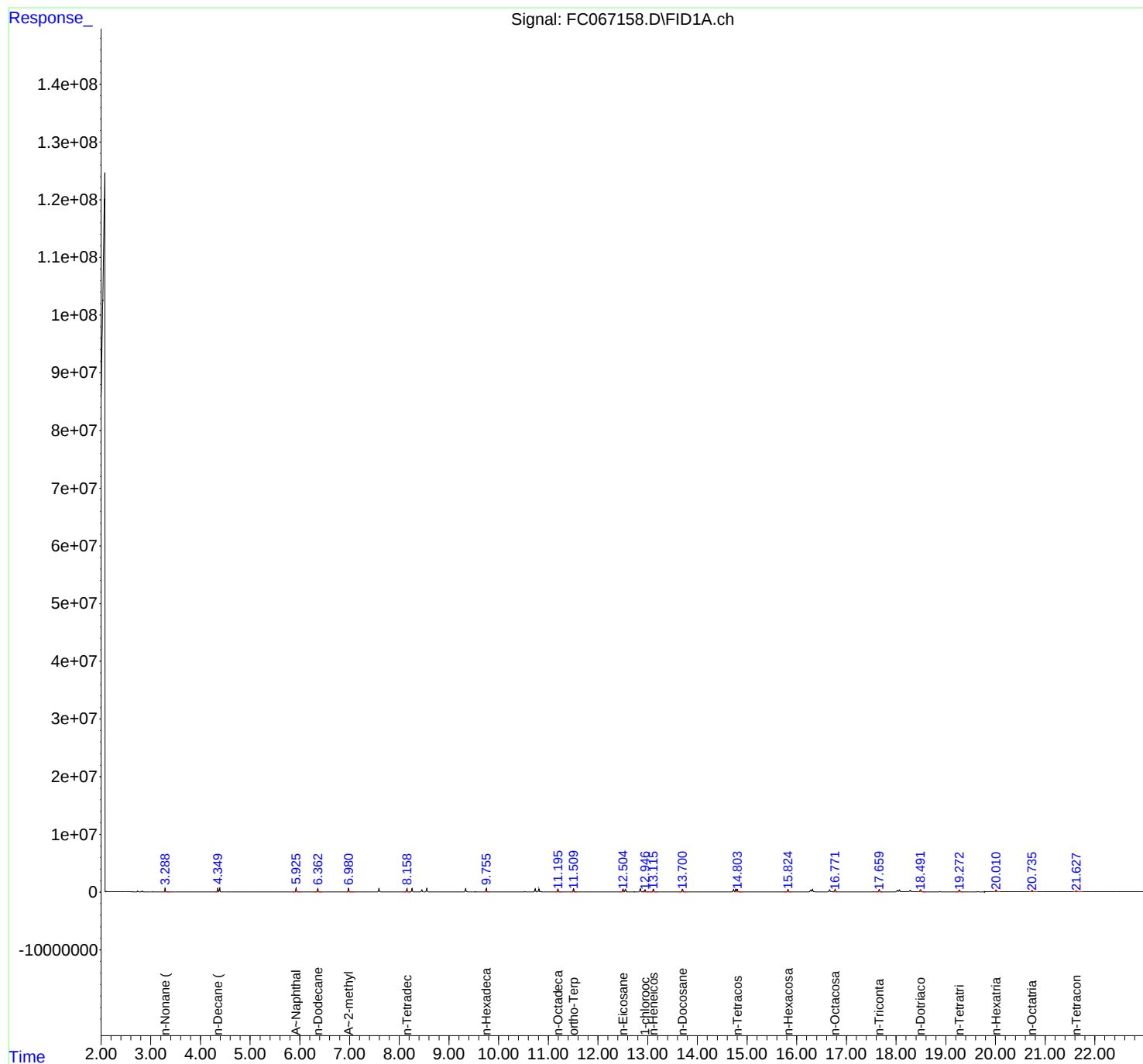
Instrument :
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PB163487BSD

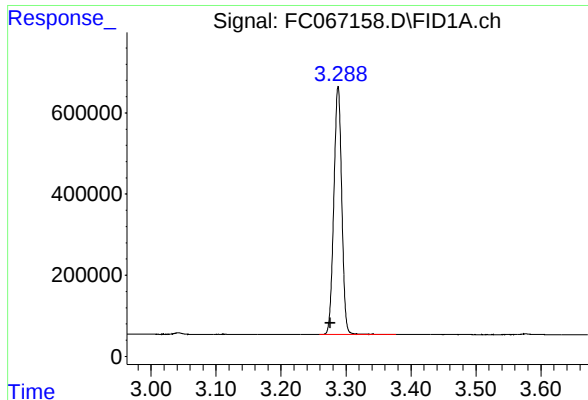
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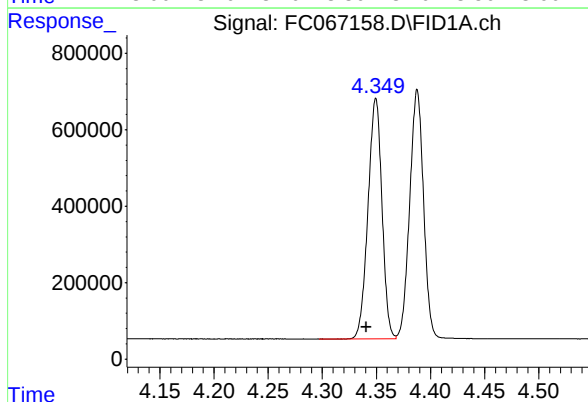
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 5181499
Conc: 39.06 ug/ml

Instrument :
FID_C
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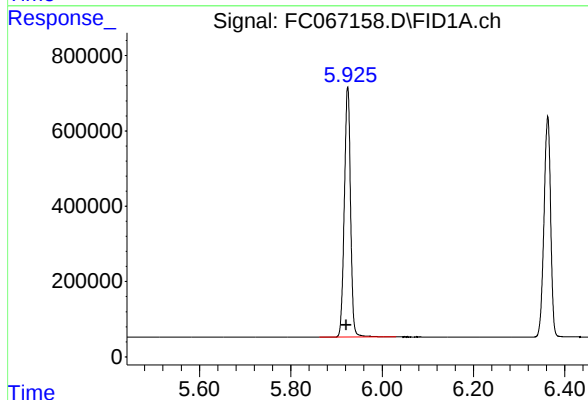
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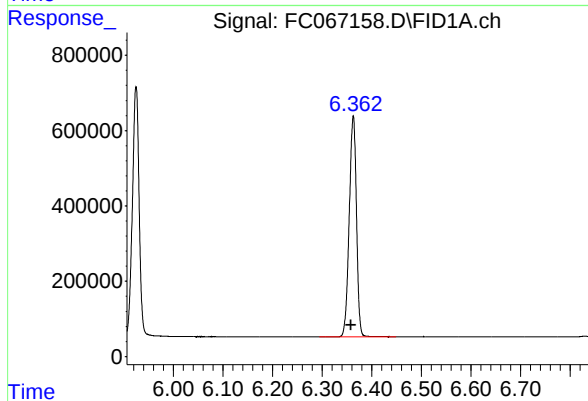
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 5652606
Conc: 42.09 ug/ml



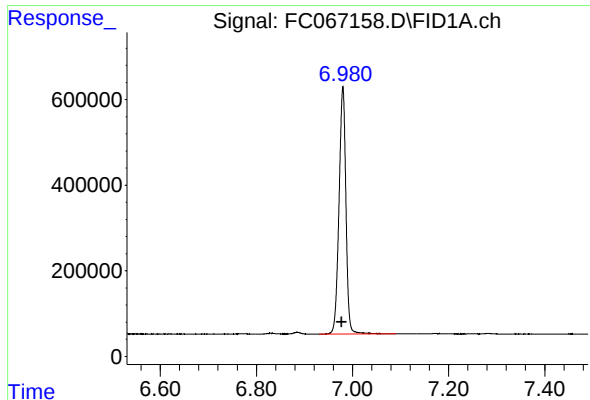
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 6272368
Conc: 44.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 5942790
Conc: 44.40 ug/ml



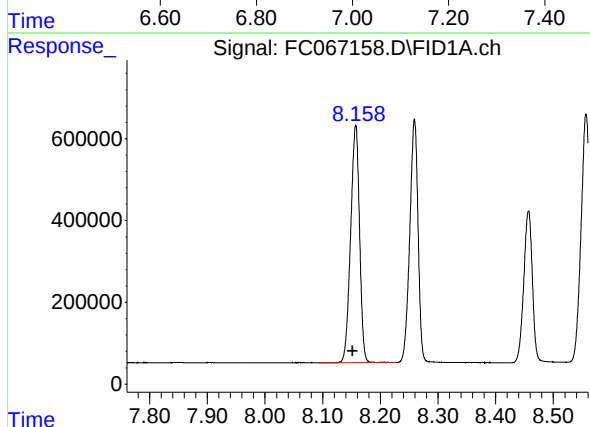
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 5752472
Conc: 43.08 ug/ml

Instrument :
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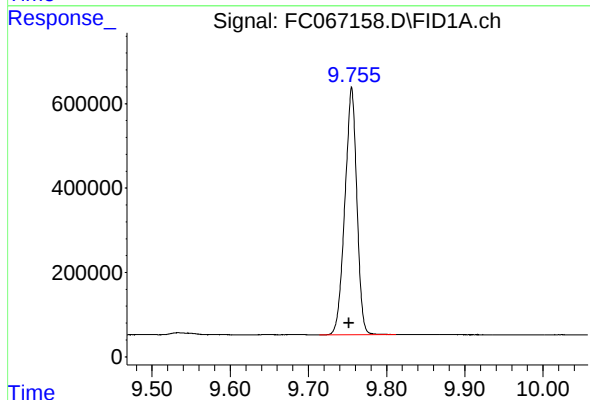
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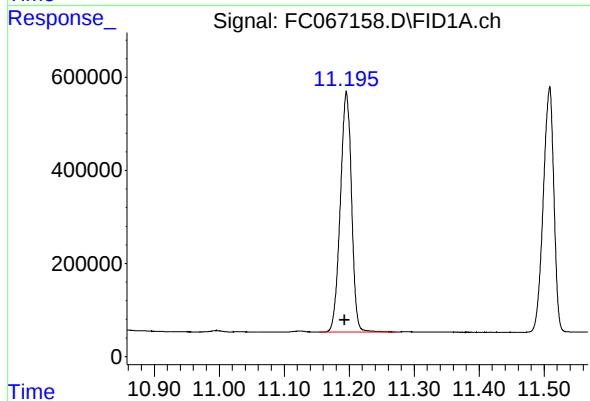
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 6243164
Conc: 48.44 ug/ml



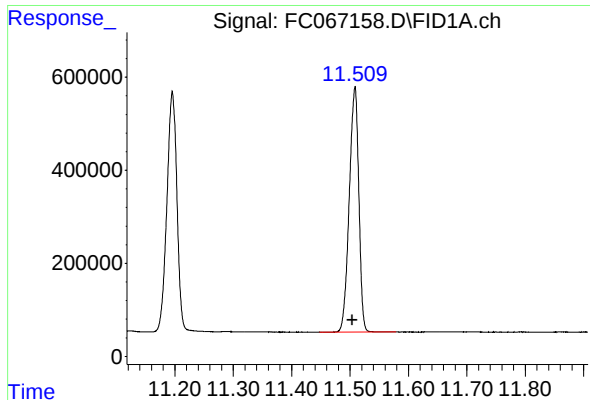
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 6233714
Conc: 48.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 6188172
Conc: 48.37 ug/ml



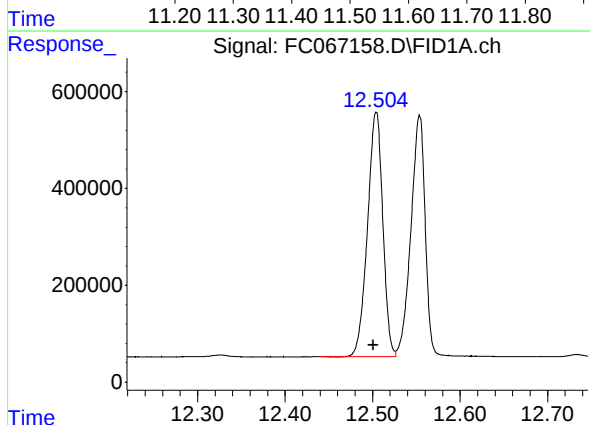
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 5980782
Conc: 42.95 ug/ml

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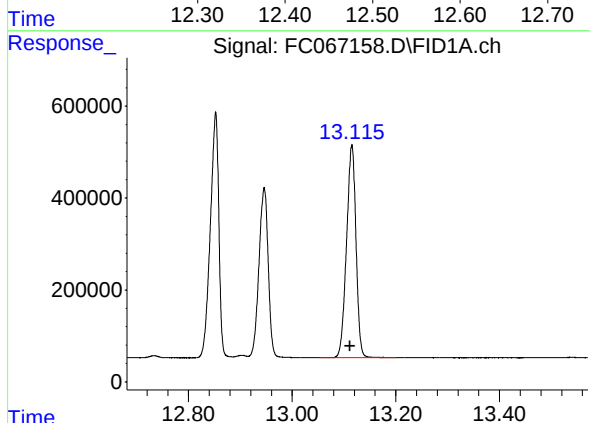
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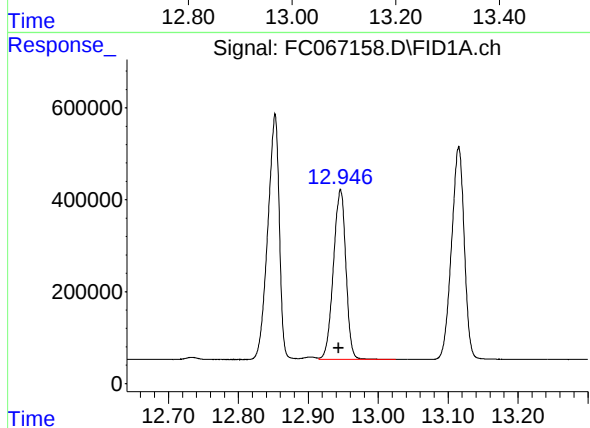
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 6134867
Conc: 51.08 ug/ml



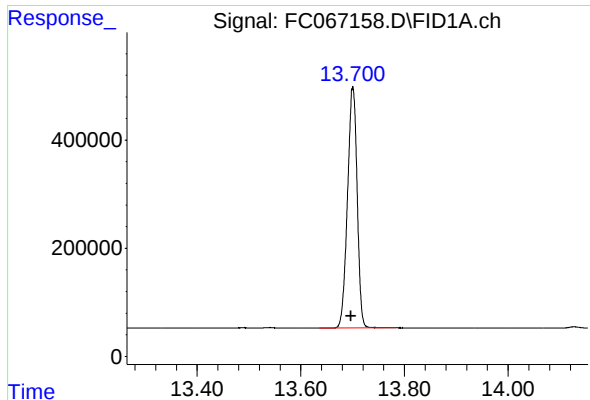
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5856834
Conc: 50.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.002 min
Response: 4590664
Conc: 46.99 ug/ml



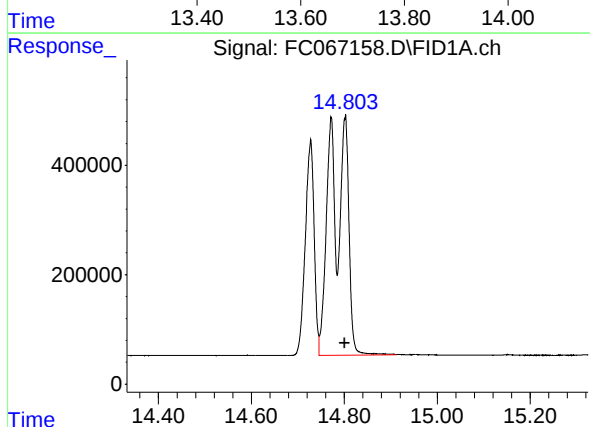
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5754506
Conc: 49.84 ug/ml

Instrument :
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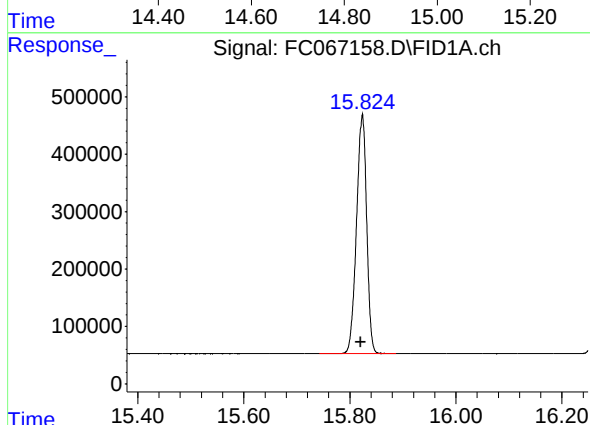
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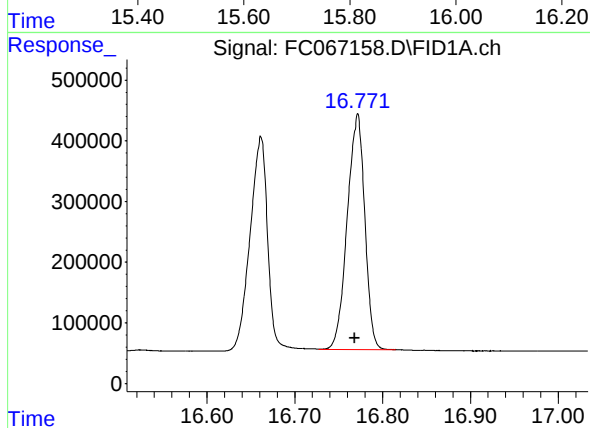
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.002 min
Response: 11203873
Conc: 98.66 ug/ml m



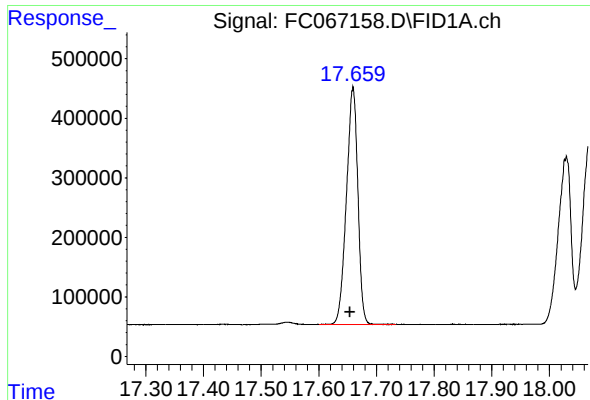
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: 0.003 min
Response: 5545774
Conc: 50.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5393989
Conc: 49.94 ug/ml m



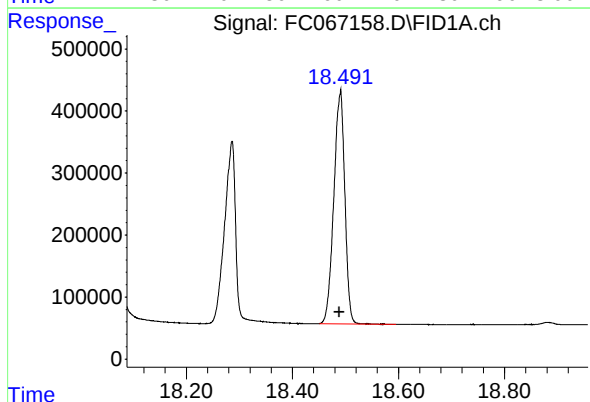
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.005 min
Response: 5487206
Conc: 50.45 ug/ml

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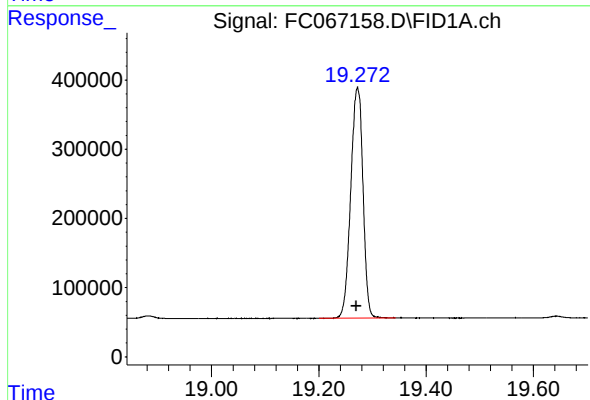
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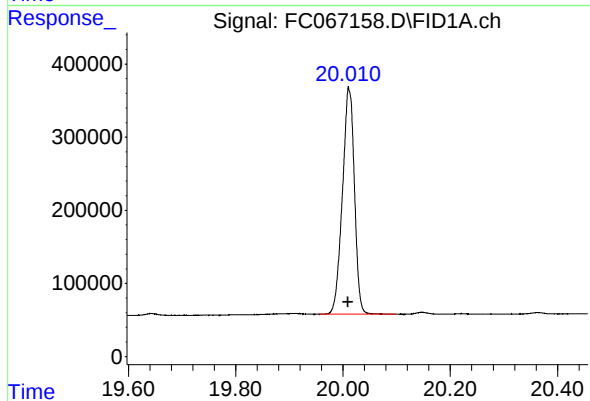
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.002 min
Response: 5421264
Conc: 51.97 ug/ml



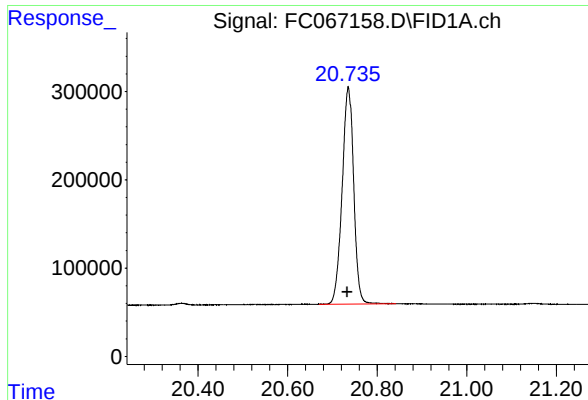
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 5271730
Conc: 57.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4821811
Conc: 60.84 ug/ml



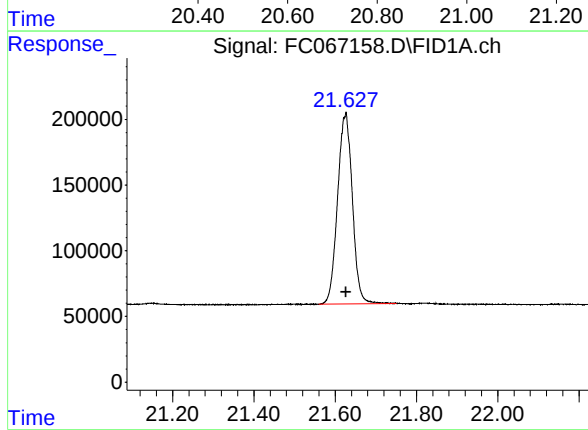
#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.002 min
Response: 4404095
Conc: 58.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.002 min
Response: 3663920
Conc: 52.44 ug/ml