

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067153.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 16:23
 Operator : YP/AJ
 Sample : P4085-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

COMP-1MSD

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 04:05:09 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)	11.507	3687682	26.483 ug/ml
Spiked Amount 50.000		Recovery =	52.97%
12) S 1-chlorooctadecane (S...	12.944	2802739	28.691 ug/ml
Spiked Amount 50.000		Recovery =	57.38%
Target Compounds			
1) T n-Nonane (C9)	3.281	4400173	33.172 ug/ml
2) T n-Decane (C10)	4.346	5130729	38.201 ug/ml
3) T A~Naphthalene (C11.7)	5.924	5772113	40.613 ug/ml
4) T n-Dodecane (C12)	6.362	5608308	41.898 ug/ml
5) T A~2-methylnaphthalene...	6.980	5461730	40.901 ug/ml
6) T n-Tetradecane (C14)	8.158	6313248	48.987 ug/ml
7) T n-Hexadecane (C16)	9.756	6491808	50.353 ug/ml
8) T n-Octadecane (C18)	11.196	6286830	49.138 ug/ml
10) T n-Eicosane (C20)	12.505	6163742	51.316 ug/ml
11) T n-Heneicosane (C21)	13.115	5859941	50.173 ug/ml
13) T n-Docosane (C22)	13.701	5786674	50.118 ug/ml
14) T n-Tetracosane (C24)	14.771	11170443	98.365 ug/mlm
15) T n-Hexacosane (C26)	15.822	5586614	50.408 ug/ml
16) T n-Octacosane (C28)	16.770	5428412	50.254 ug/ml
17) T n-Tricontane (C30)	17.658	5545682	50.983 ug/ml
18) T n-Dotriacontane (C32)	18.489	5526378	52.982 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5458100	59.161 ug/ml
20) T n-Hexatriacontane (C36)	20.010	5144942	64.922 ug/ml
21) T n-Octatriacontane (C38)	20.737	4970600	66.172 ug/ml
22) T n-Tetracontane (C40)	21.627	4427189	63.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 2024

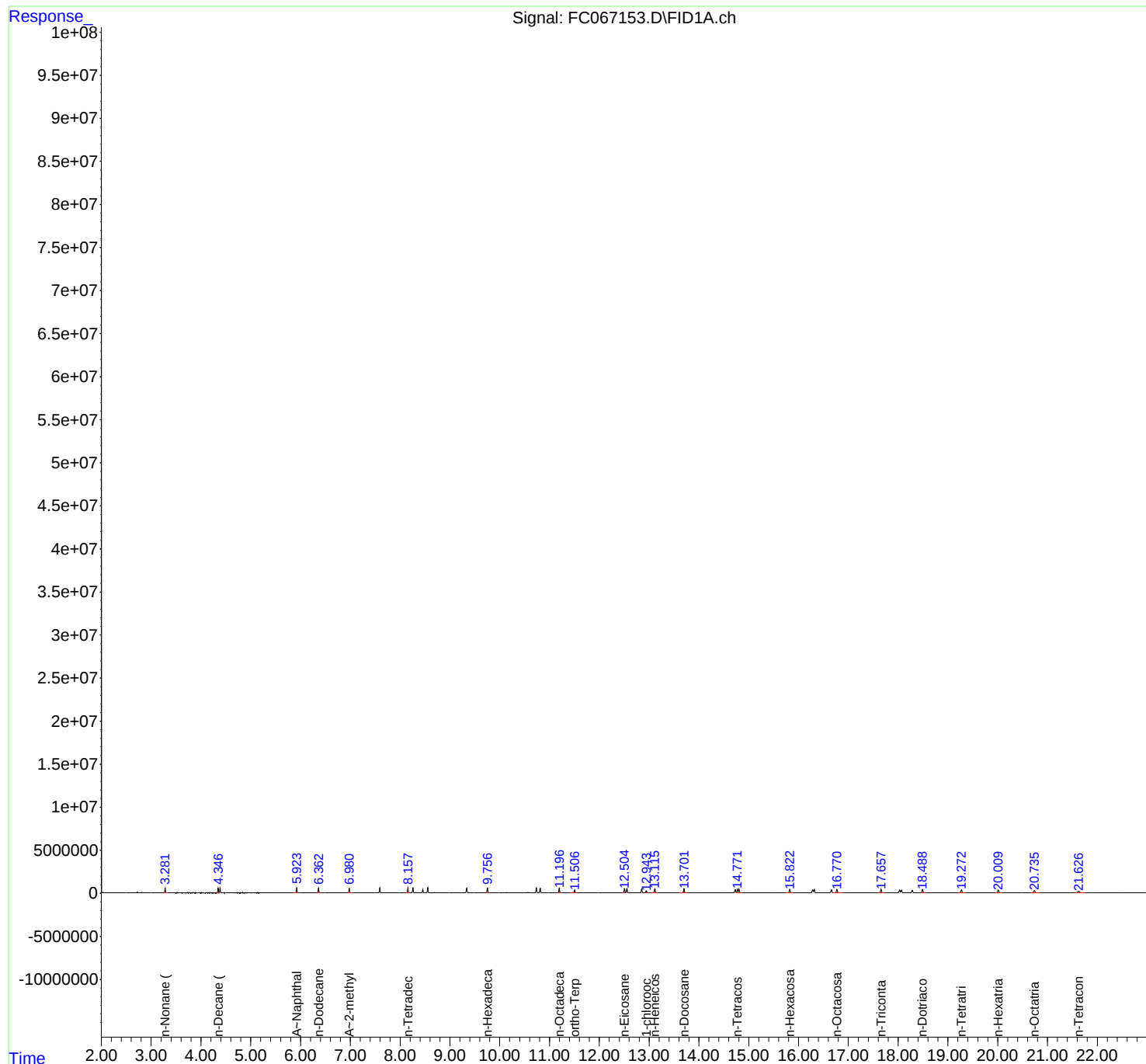
Response via : Initial Calibration

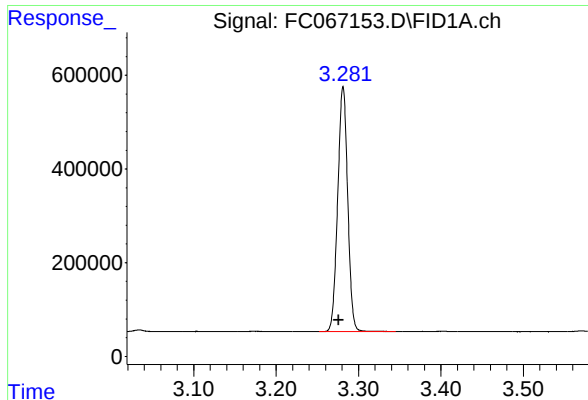
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





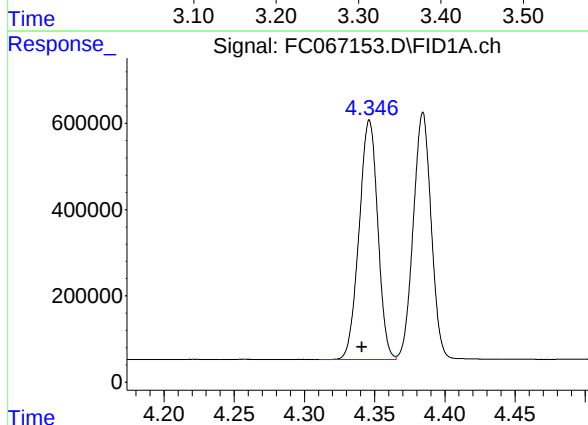
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 4400173
Conc: 33.17 ug/ml

Instrument :
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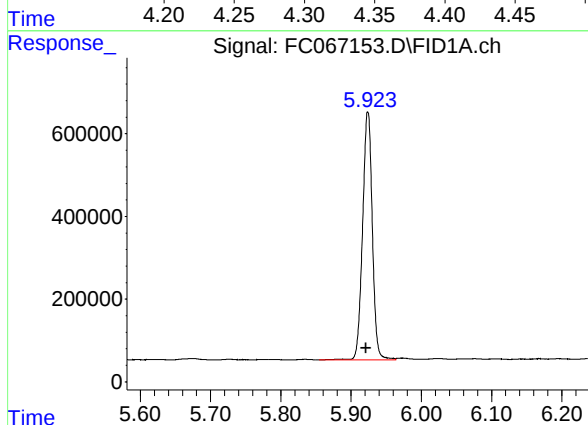
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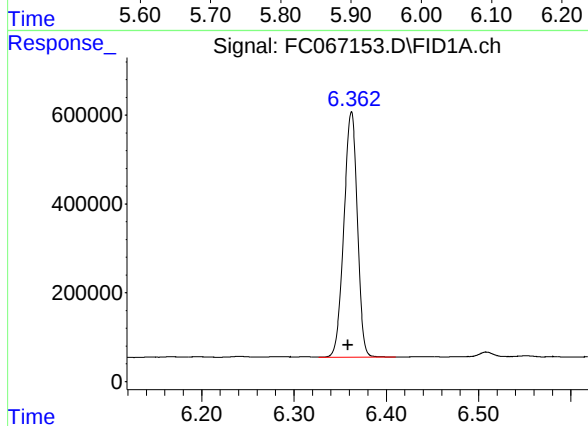
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 5130729
Conc: 38.20 ug/ml



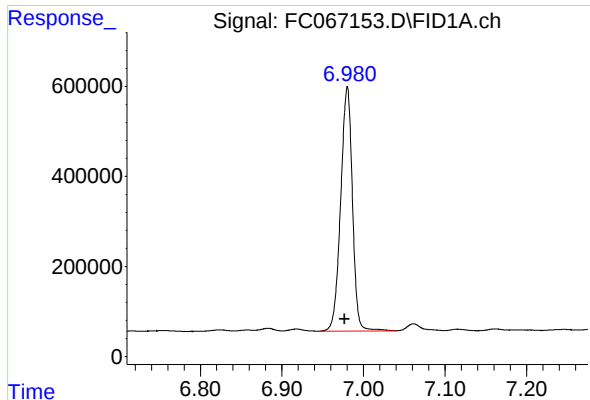
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 5772113
Conc: 40.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 5608308
Conc: 41.90 ug/ml



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

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 5461730
Conc: 40.90 ug/ml

Instrument :

FID_C

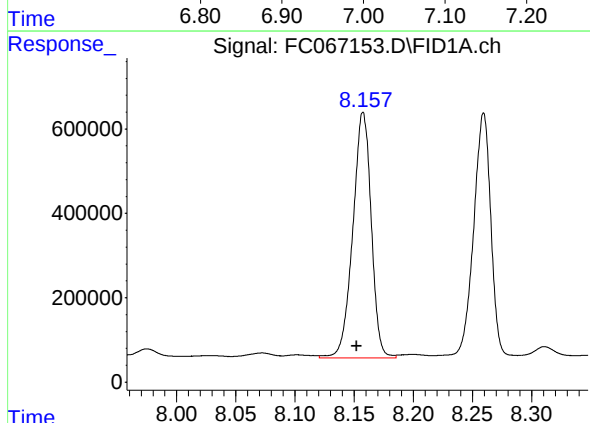
ClientSampleId :

COMP-1MSD

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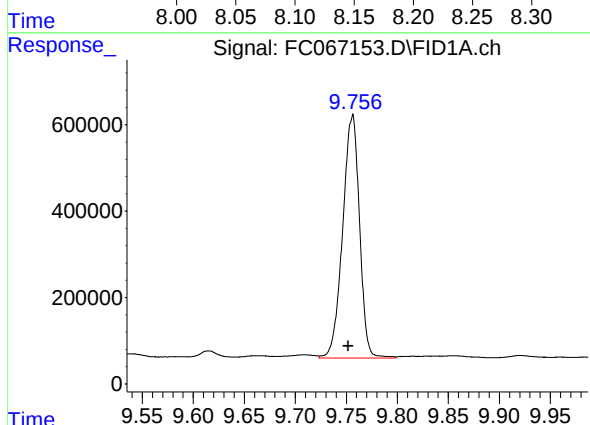
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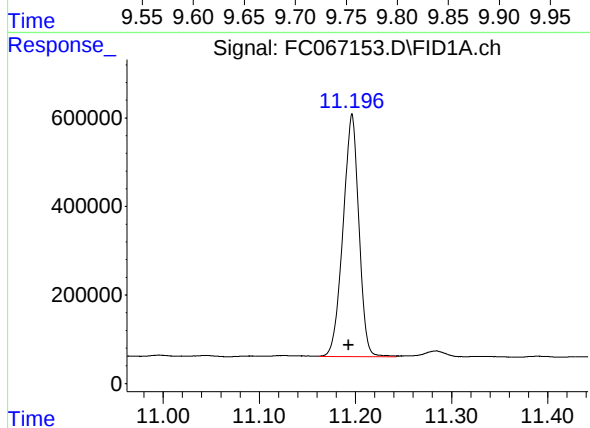
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 6313248
Conc: 48.99 ug/ml



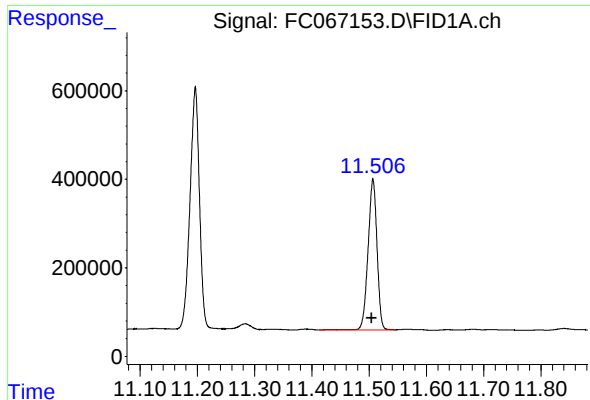
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.004 min
Response: 6491808
Conc: 50.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 6286830
Conc: 49.14 ug/ml



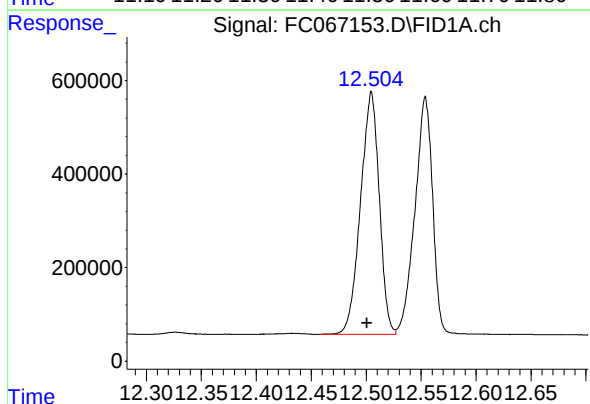
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.003 min
Response: 3687682
Conc: 26.48 ug/ml

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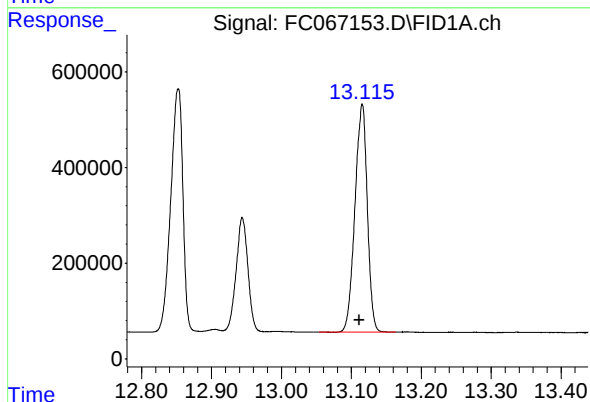
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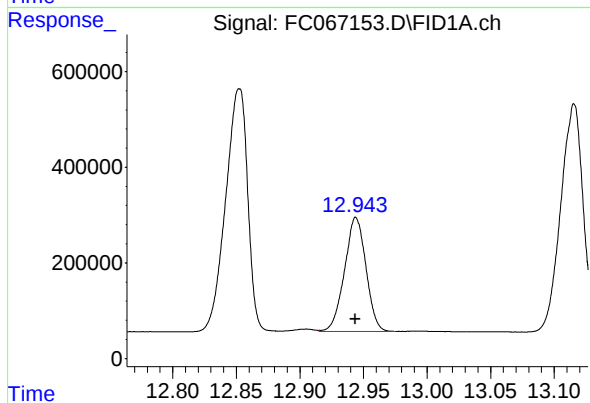
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.004 min
Response: 6163742
Conc: 51.32 ug/ml



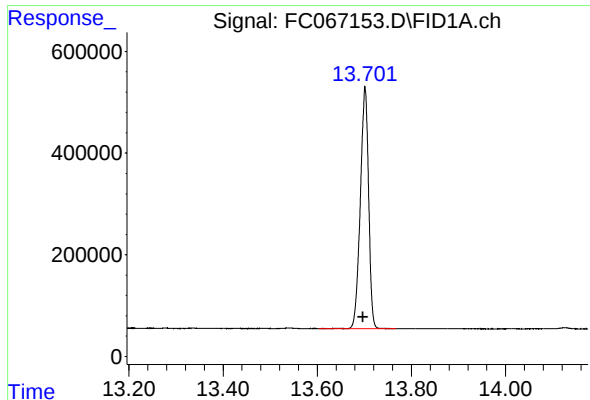
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.004 min
Response: 5859941
Conc: 50.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2802739
Conc: 28.69 ug/ml



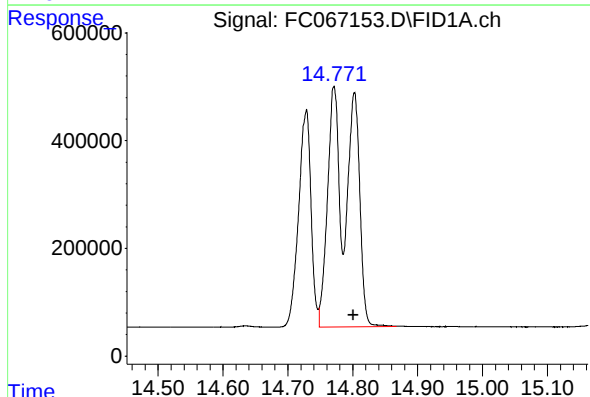
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.004 min
Response: 5786674
Conc: 50.12 ug/ml

Instrument :
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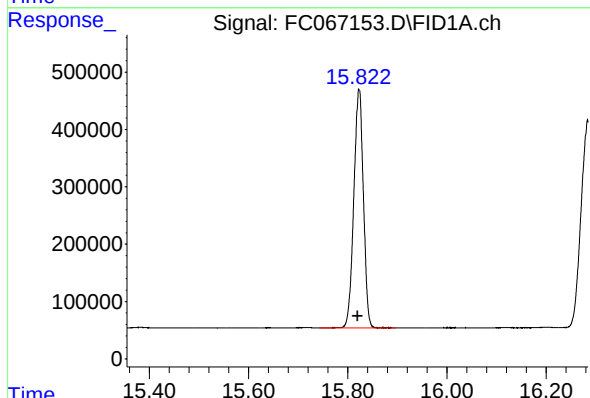
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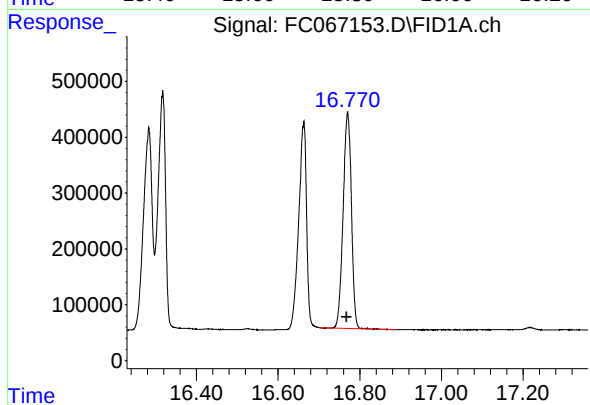
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.030 min
Response: 11170443
Conc: 98.36 ug/ml m



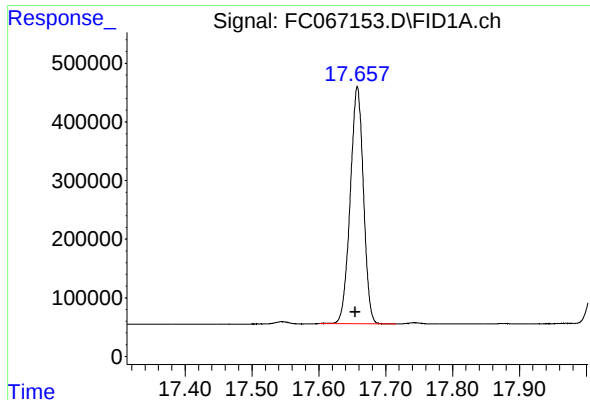
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.002 min
Response: 5586614
Conc: 50.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 5428412
Conc: 50.25 ug/ml



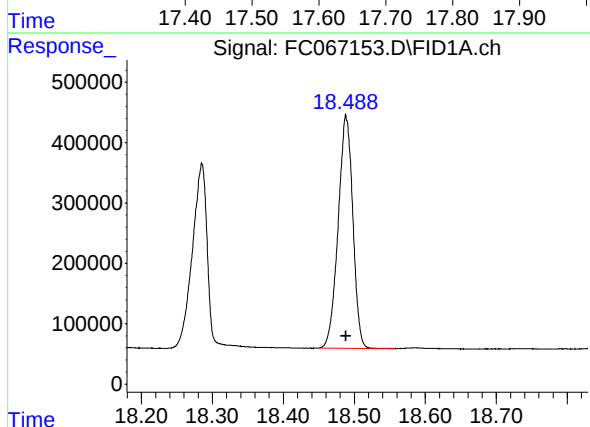
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.003 min
Response: 5545682
Conc: 50.98 ug/ml

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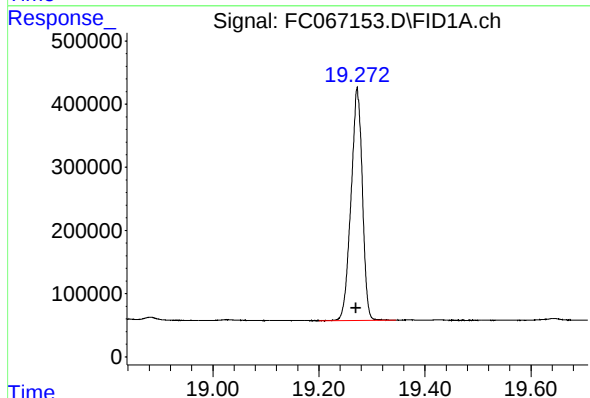
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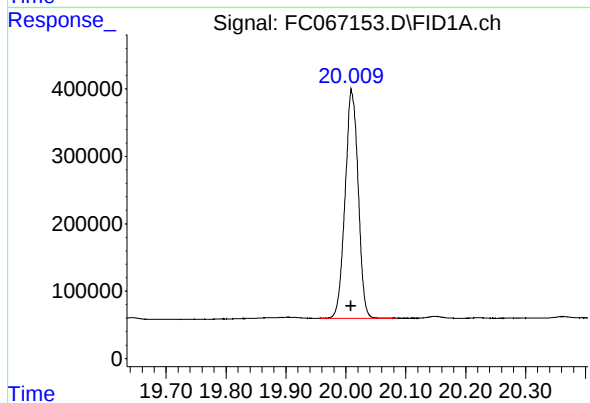
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 5526378
Conc: 52.98 ug/ml



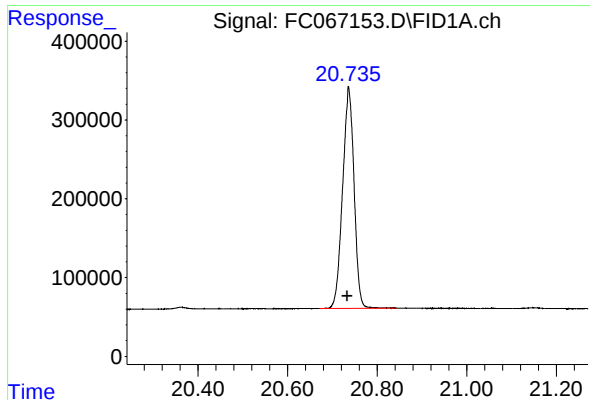
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.003 min
Response: 5458100
Conc: 59.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.001 min
Response: 5144942
Conc: 64.92 ug/ml



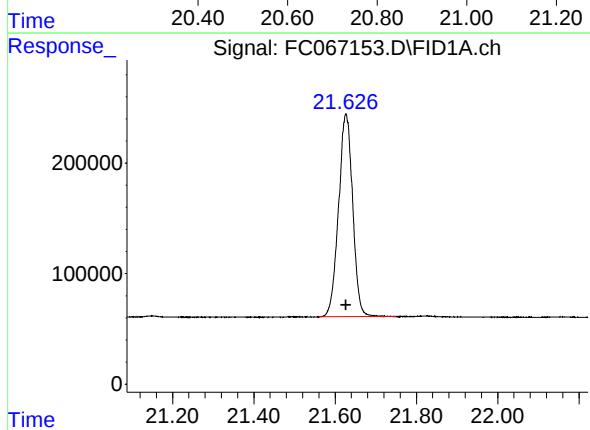
#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.003 min
Response: 4970600
Conc: 66.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 4427189
Conc: 63.37 ug/ml