

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100324AL\
 Data File : FC067329.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2024 18:14
 Operator : YP/AJ
 Sample : P4232-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-RMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e

Quant Time: Oct 02 02:08:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 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)	11.497	3898370	25.620 ug/ml
Spiked Amount 50.000		Recovery =	51.24%
12) S 1-chlorooctadecane (S...	12.936	3050152	26.946 ug/ml
Spiked Amount 50.000		Recovery =	53.89%
Target Compounds			
1) T n-Nonane (C9)	3.276	5318013	41.954 ug/ml
2) T n-Decane (C10)	4.340	5980694	46.527 ug/ml
3) T A~Naphthalene (C11.7)	5.916	6707562	47.284 ug/ml
4) T n-Dodecane (C12)	6.355	6263338	48.268 ug/ml
5) T A~2-methylnaphthalene...	6.972	6492716	47.327 ug/ml
6) T n-Tetradecane (C14)	8.150	6776206	52.611 ug/ml
7) T n-Hexadecane (C16)	9.748	7306061	54.884 ug/ml
8) T n-Octadecane (C18)	11.188	7544835	55.639 ug/ml
10) T n-Eicosane (C20)	12.496	7726861	59.178 ug/ml
11) T n-Heneicosane (C21)	13.106	7437131	57.986 ug/ml
13) T n-Docosane (C22)	13.692	7391958	57.891 ug/ml
14) T n-Tetracosane (C24)	14.766	15121372	118.235 ug/mlm
15) T n-Hexacosane (C26)	15.815	7288696	57.807 ug/ml
16) T n-Octacosane (C28)	16.762	7203884	57.342 ug/ml
17) T n-Tricontane (C30)	17.651	7170648	55.662 ug/ml
18) T n-Dotriacontane (C32)	18.480	7118480	56.981 ug/ml
19) T n-Tetratriacontane (C34)	19.263	6994005	64.002 ug/ml
20) T n-Hexatriacontane (C36)	20.000	6842158	72.390 ug/ml
21) T n-Octatriacontane (C38)	20.725	6540575	74.579 ug/ml
22) T n-Tetracontane (C40)	21.611	6450367	74.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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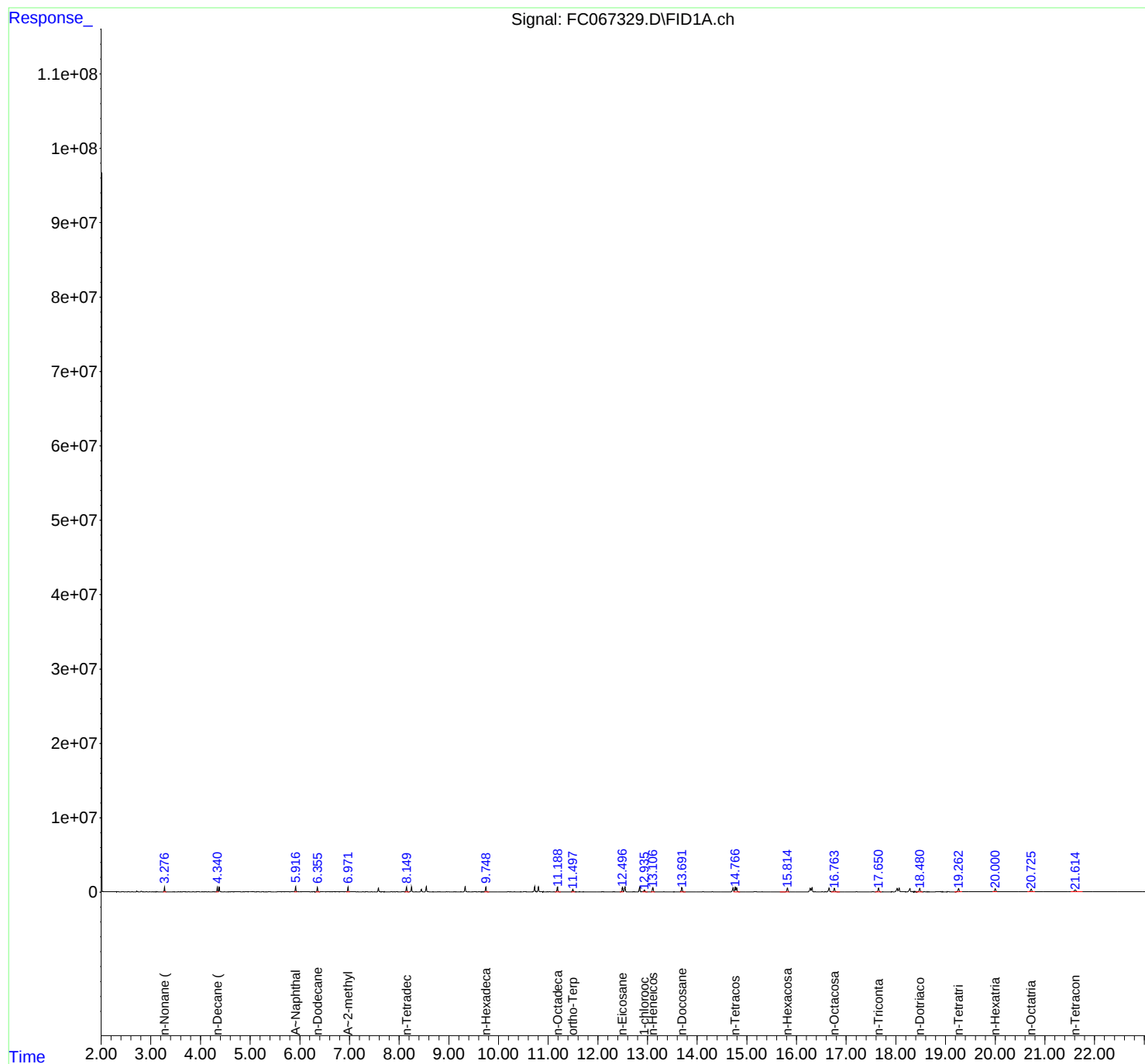
Instrument :
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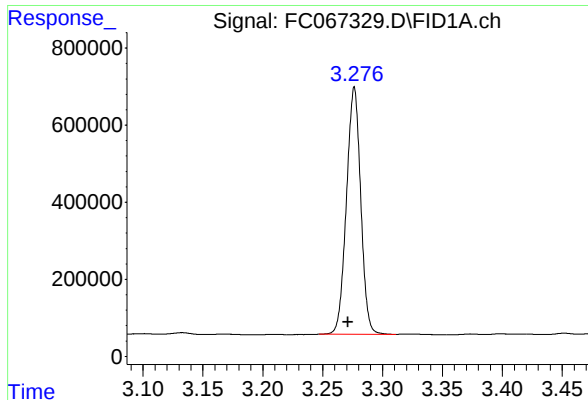
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 5318013
Conc: 41.95 ug/ml

Instrument :

FID_C

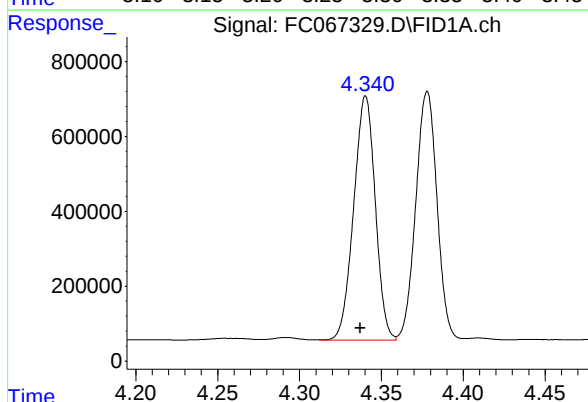
ClientSampleId :

TP-RMSD

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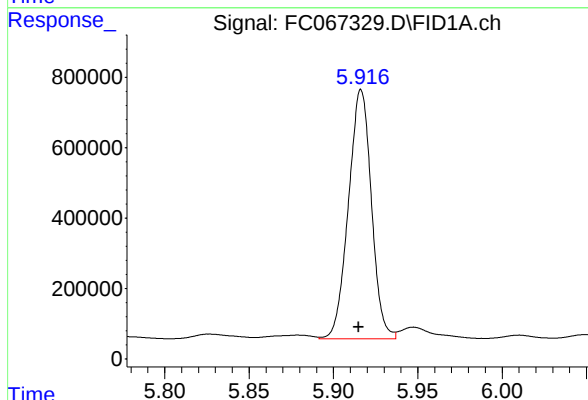
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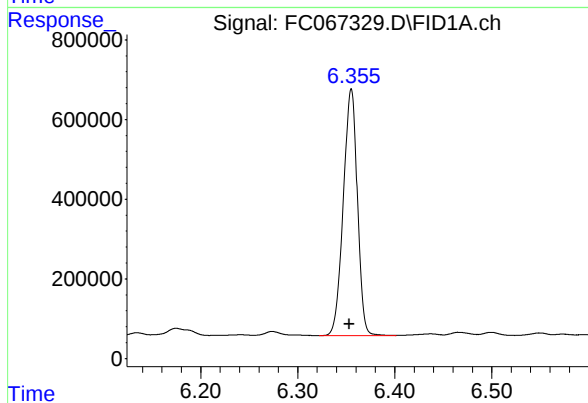
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 5980694
Conc: 46.53 ug/ml



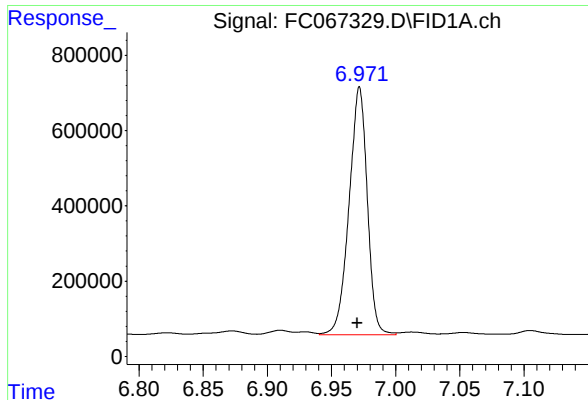
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 6707562
Conc: 47.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 6263338
Conc: 48.27 ug/ml



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

R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 6492716
Conc: 47.33 ug/ml

Instrument :

FID_C

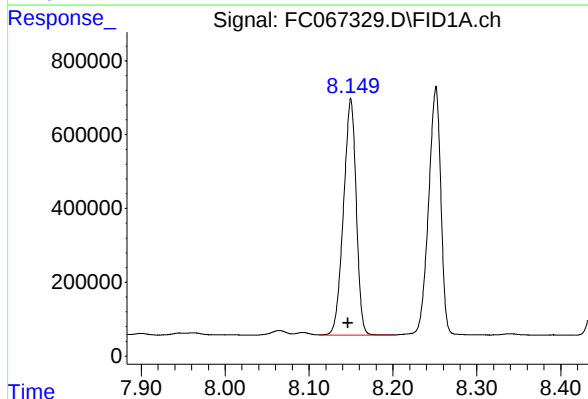
ClientSampleId :

TP-RMSD

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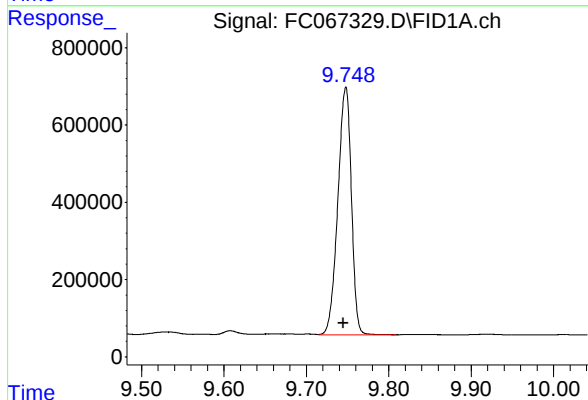
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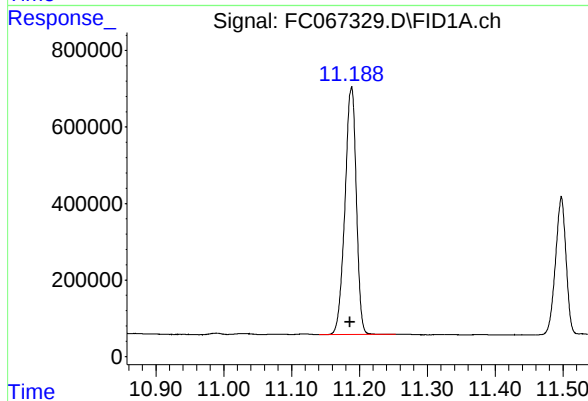
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.003 min
Response: 6776206
Conc: 52.61 ug/ml



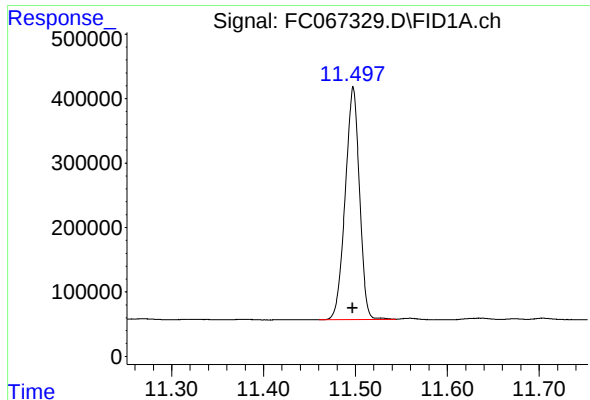
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 7306061
Conc: 54.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 7544835
Conc: 55.64 ug/ml



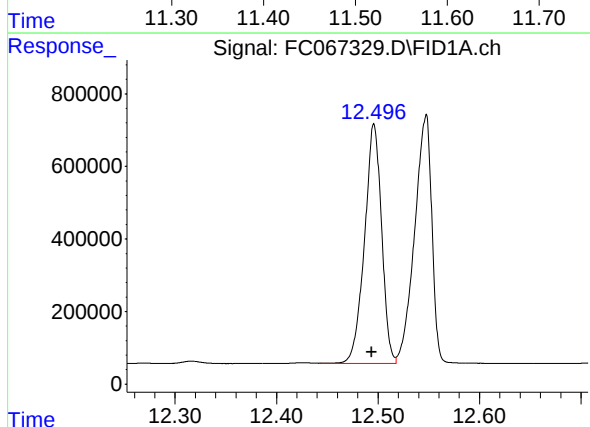
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 3898370
Conc: 25.62 ug/ml

Instrument :
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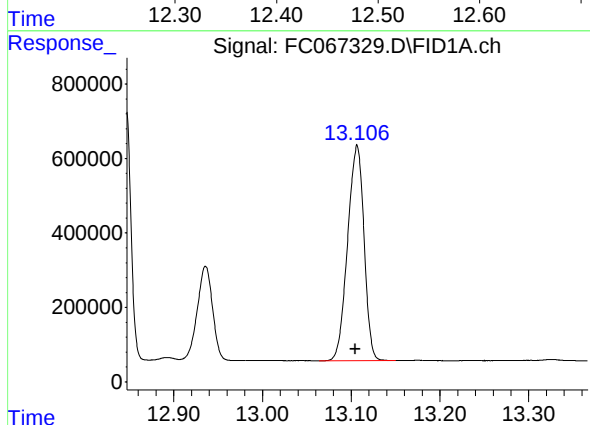
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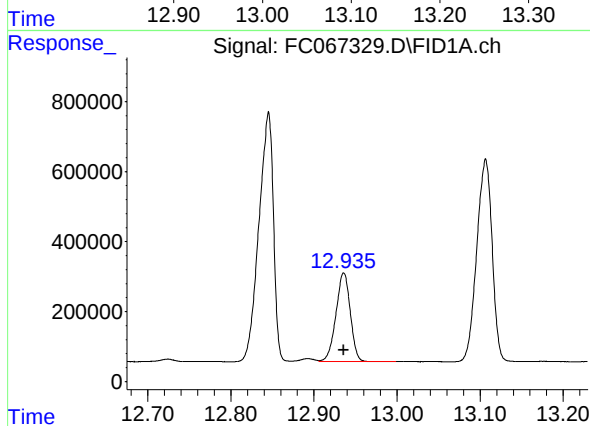
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.003 min
Response: 7726861
Conc: 59.18 ug/ml



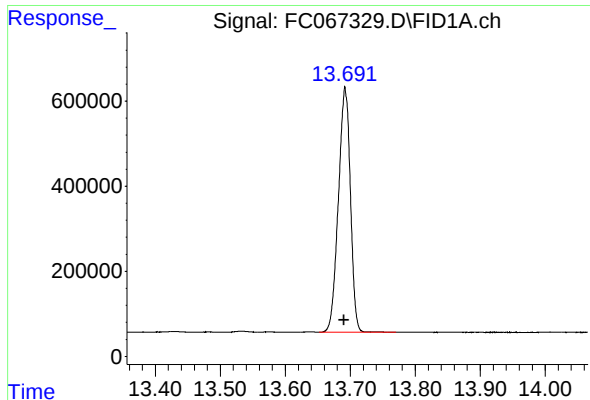
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 7437131
Conc: 57.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 3050152
Conc: 26.95 ug/ml



#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 7391958
Conc: 57.89 ug/ml

Instrument :

FID_C

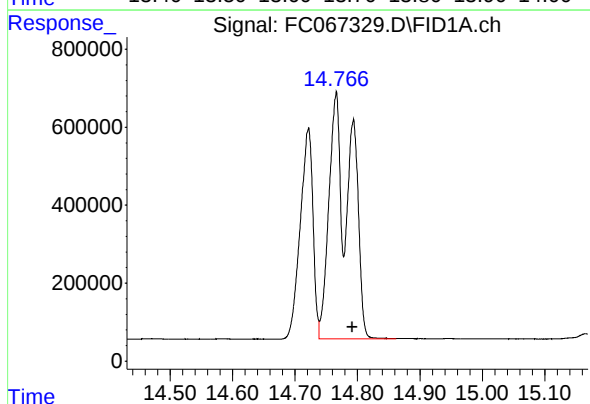
ClientSampleId :

TP-RMSD

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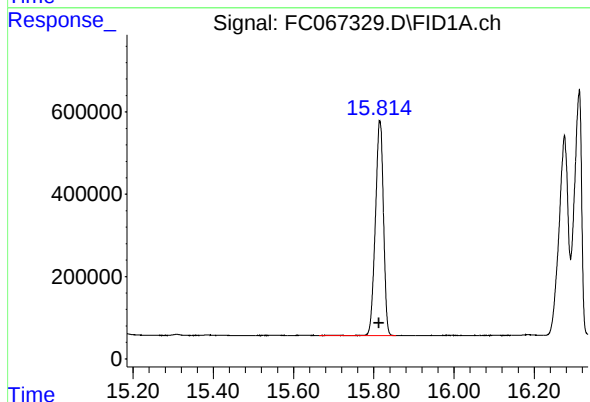
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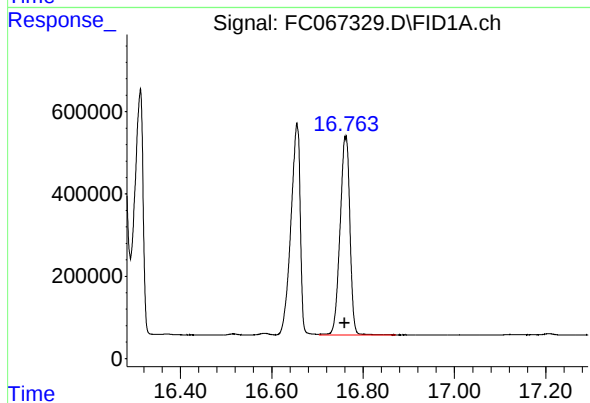
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.026 min
Response: 15121372
Conc: 118.24 ug/ml m



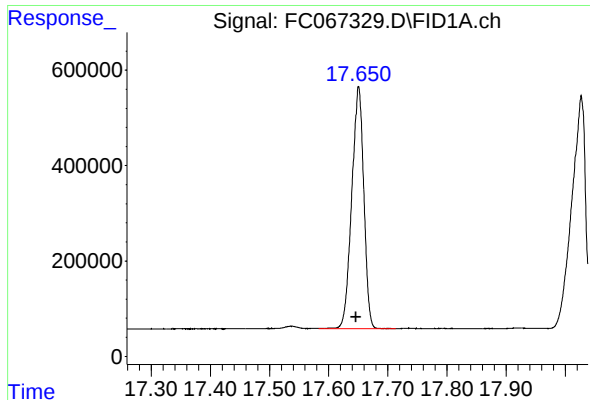
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.003 min
Response: 7288696
Conc: 57.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 7203884
Conc: 57.34 ug/ml



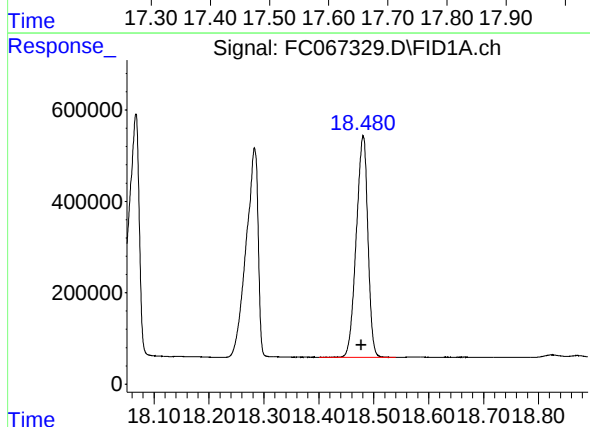
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.005 min
Response: 7170648
Conc: 55.66 ug/ml

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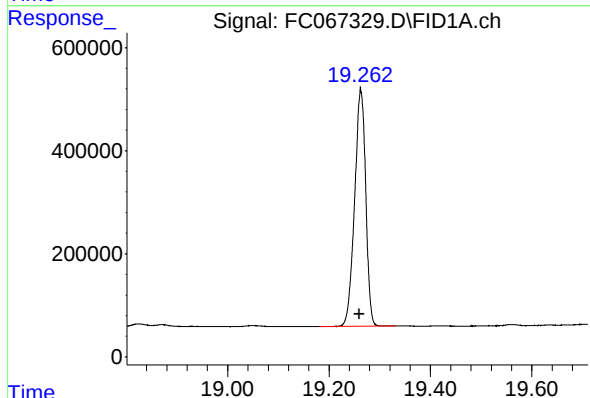
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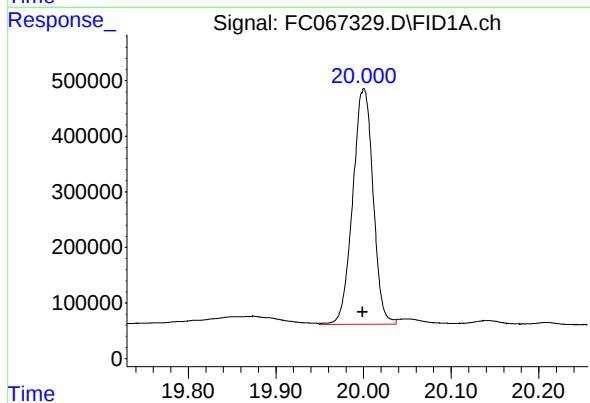
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.003 min
Response: 7118480
Conc: 56.98 ug/ml



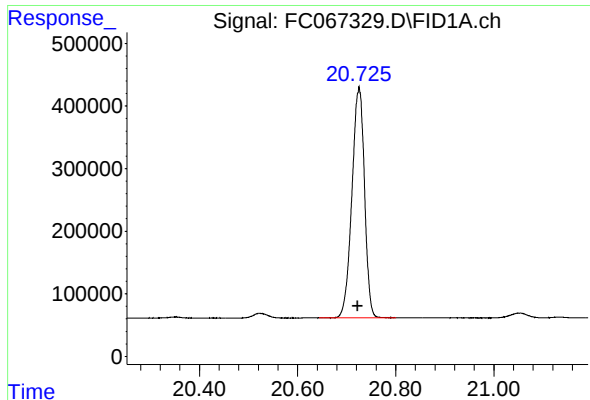
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.003 min
Response: 6994005
Conc: 64.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.001 min
Response: 6842158
Conc: 72.39 ug/ml



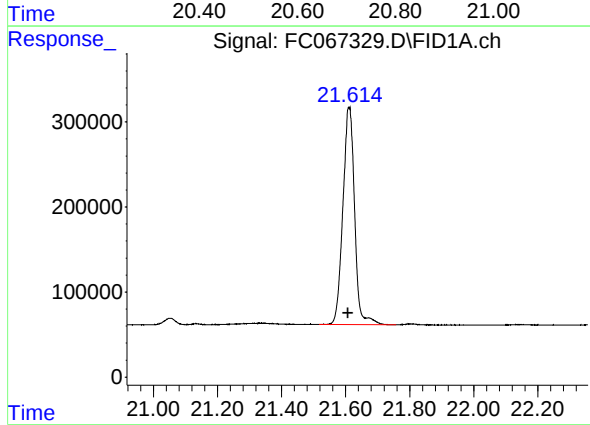
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.002 min
Response: 6540575
Conc: 74.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: 0.003 min
Response: 6450367
Conc: 74.96 ug/ml