

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121924AL\
 Data File : FC068046.D
 Signal(s) : FID1A.ch
 Acq On : 19 Dec 2024 14:45
 Operator : YP/AJ
 Sample : PB165749BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165749BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/20/2024

Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e

Quant Time: Dec 20 08:11:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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)	11.432	6683907	38.654 ug/ml
Spiked Amount 50.000		Recovery =	77.31%
12) S 1-chlorooctadecane (S...	12.873	5353931	41.961 ug/ml
Spiked Amount 50.000		Recovery =	83.92%
Target Compounds			
1) T n-Nonane (C9)	3.230	5415613	34.857 ug/ml
2) T n-Decane (C10)	4.286	5732994	36.164 ug/mlm
3) T A~Naphthalene (C11.7)	5.854	6630936	37.982 ug/ml
4) T n-Dodecane (C12)	6.295	5886745	36.560 ug/ml
5) T A~2-methylnaphthalene...	6.908	6150542	36.709 ug/ml
6) T n-Tetradecane (C14)	8.087	5974764	37.578 ug/ml
7) T n-Hexadecane (C16)	9.684	5895897	36.495 ug/ml
8) T n-Octadecane (C18)	11.124	5799822	36.126 ug/ml
10) T n-Eicosane (C20)	12.474	5881231	39.096 ug/ml
11) T n-Heneicosane (C21)	13.042	5510965	37.716 ug/ml
13) T n-Docosane (C22)	13.627	5420491	37.867 ug/ml
14) T n-Tetracosane (C24)	14.691	10823634	77.897 ug/mlm
15) T n-Hexacosane (C26)	15.749	5120179	38.287 ug/ml
16) T n-Octacosane (C28)	16.695	5075422	39.129 ug/ml
17) T n-Tricontane (C30)	17.584	5085192	39.255 ug/ml
18) T n-Dotriacontane (C32)	18.413	5008501	40.428 ug/ml
19) T n-Tetratriacontane (C34)	19.195	5001859	45.826 ug/mlm
20) T n-Hexatriacontane (C36)	19.934	4778879	50.512 ug/mlm
21) T n-Octatriacontane (C38)	20.649	4716841	52.141 ug/ml
22) T n-Tetracontane (C40)	21.511	4674957	53.041 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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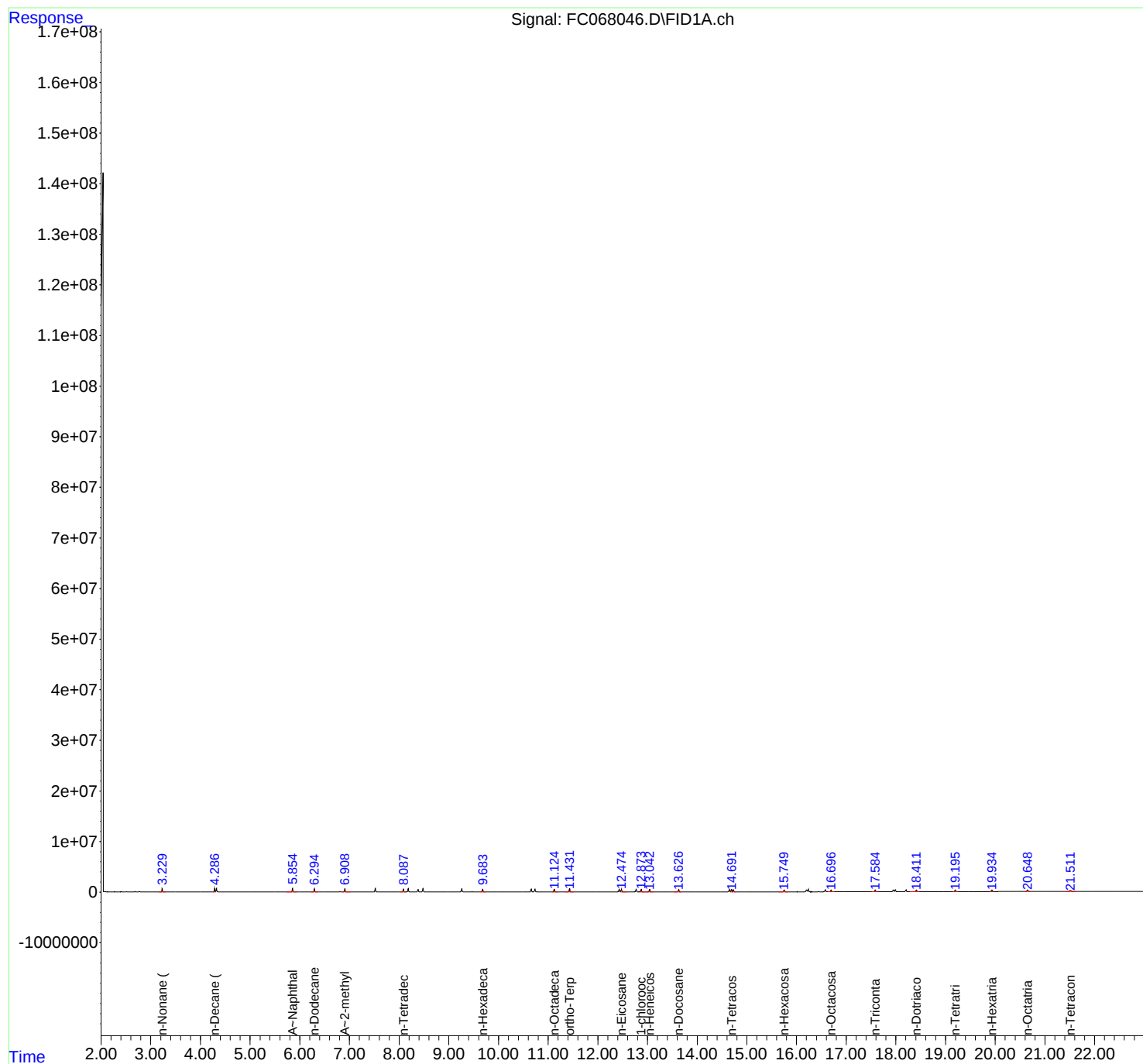
Instrument :
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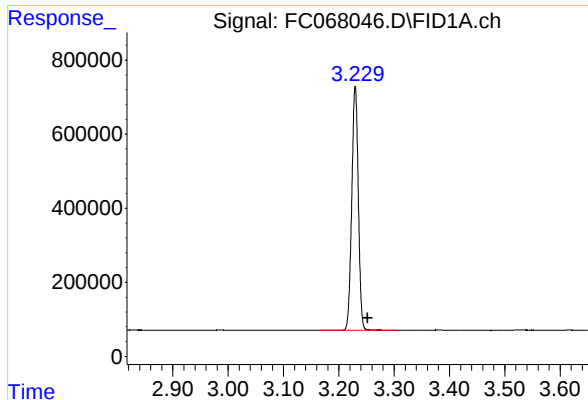
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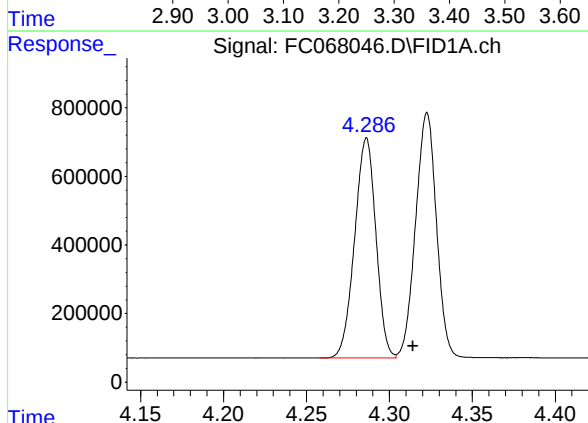
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.022 min
Response: 5415613
Conc: 34.86 ug/ml

Instrument :
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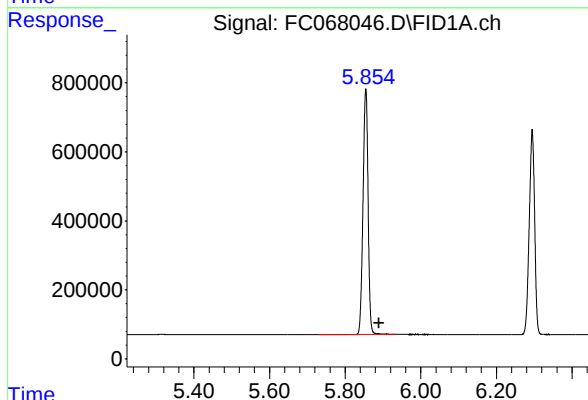
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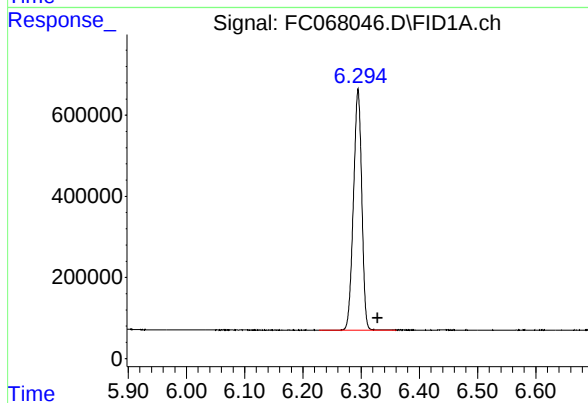
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.028 min
Response: 5732994
Conc: 36.16 ug/ml



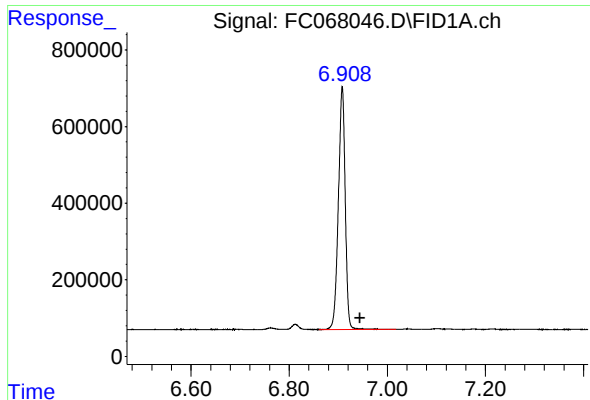
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.035 min
Response: 6630936
Conc: 37.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.034 min
Response: 5886745
Conc: 36.56 ug/ml



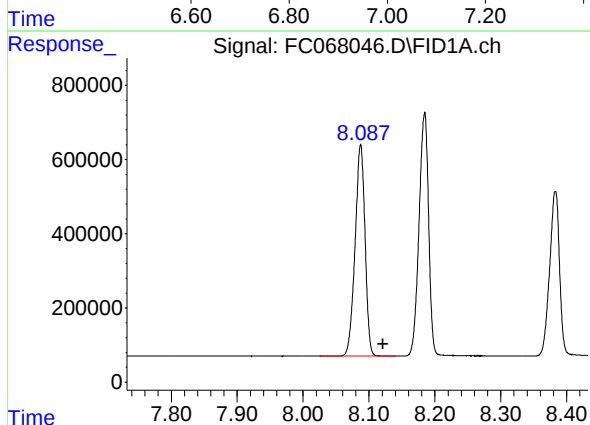
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.036 min
Response: 6150542
Conc: 36.71 ug/ml

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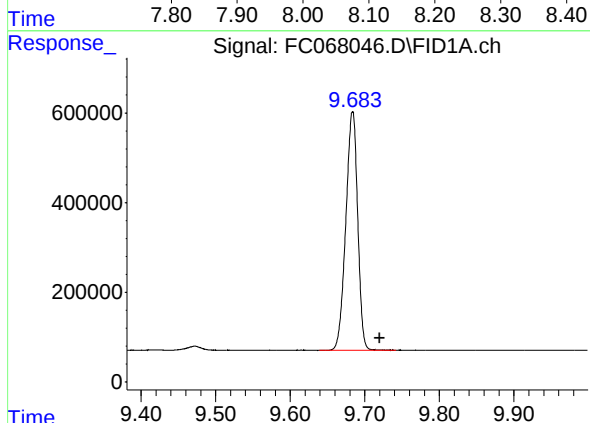
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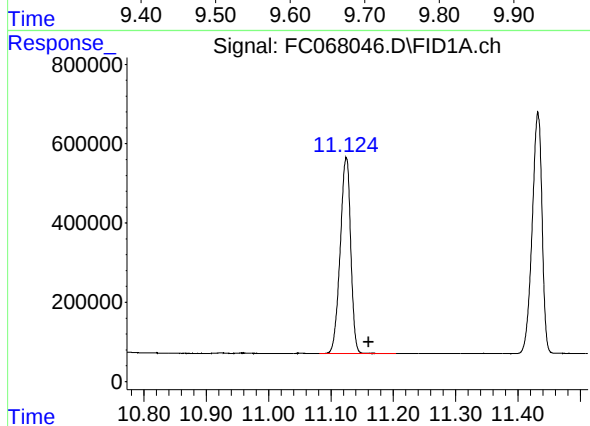
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: -0.034 min
Response: 5974764
Conc: 37.58 ug/ml



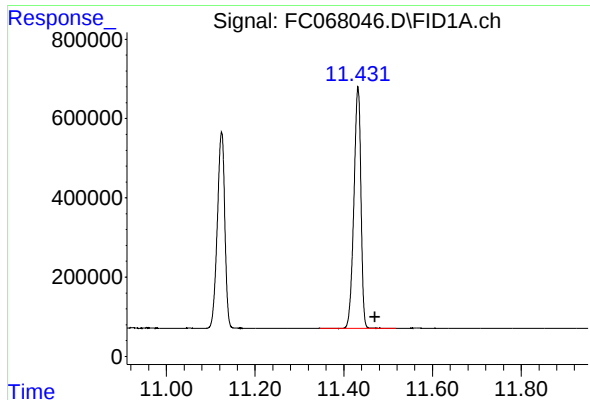
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.036 min
Response: 5895897
Conc: 36.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.124 min
Delta R.T.: -0.036 min
Response: 5799822
Conc: 36.13 ug/ml



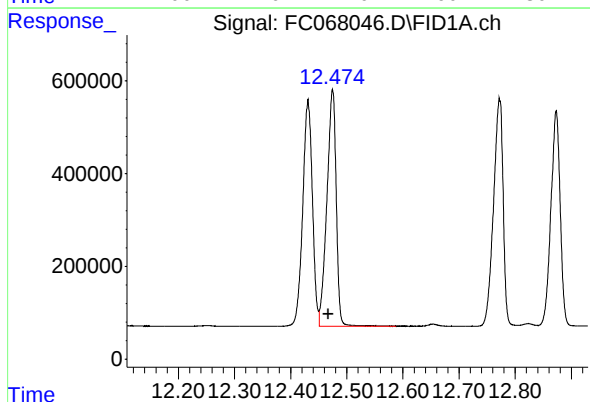
#9 ortho-Terphenyl (SURR)

R.T.: 11.432 min
Delta R.T.: -0.038 min
Response: 6683907
Conc: 38.65 ug/ml

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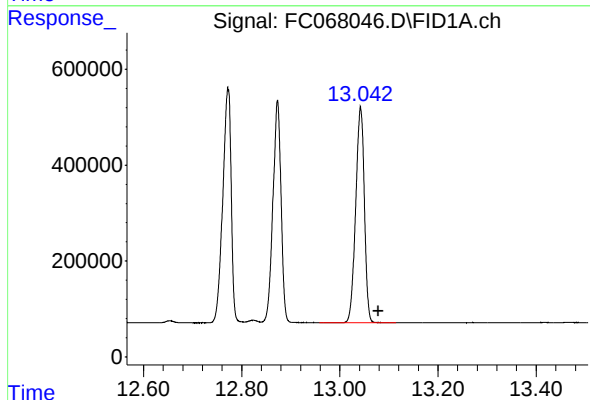
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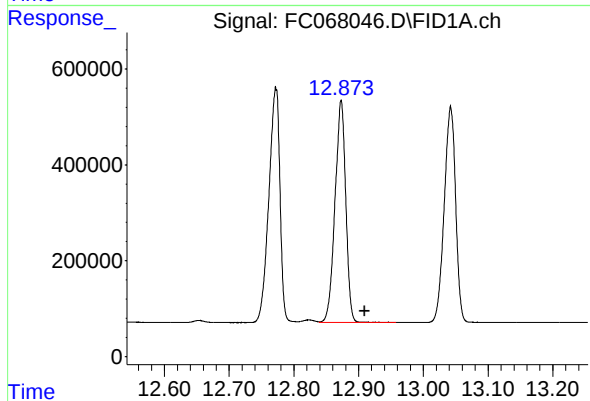
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: 0.007 min
Response: 5881231
Conc: 39.10 ug/ml



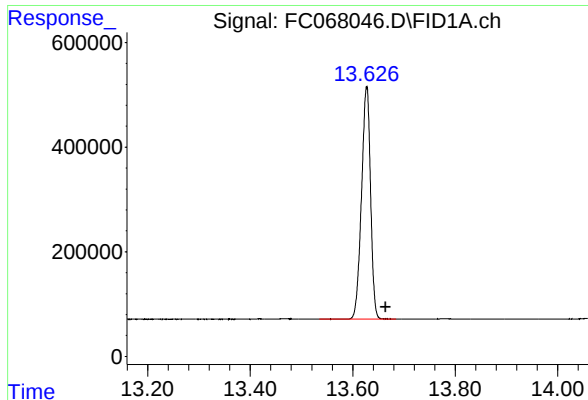
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.036 min
Response: 5510965
Conc: 37.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: -0.036 min
Response: 5353931
Conc: 41.96 ug/ml



#13 n-Docosane (C22)

R.T.: 13.627 min
Delta R.T.: -0.037 min
Response: 5420491
Conc: 37.87 ug/ml

Instrument :

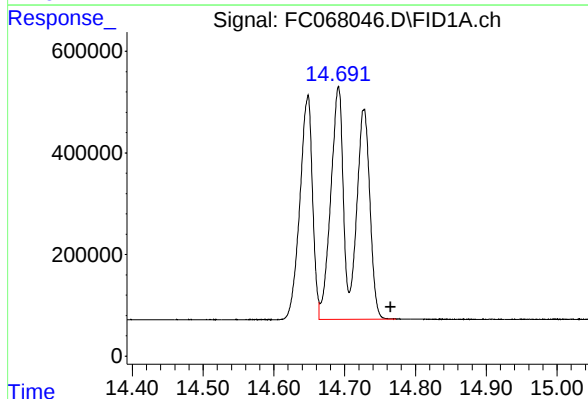
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ClientSampleId :

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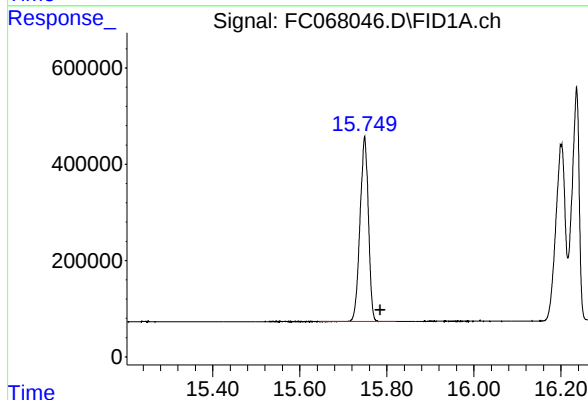
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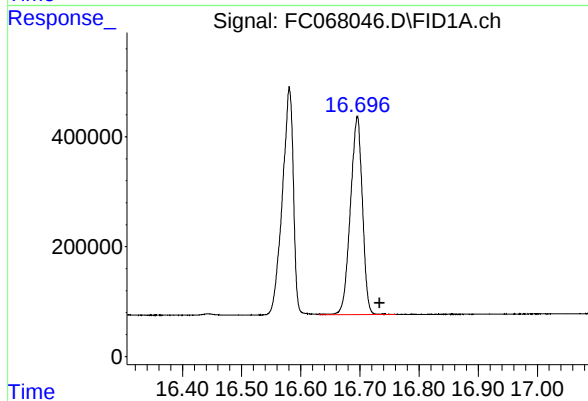
#14 n-Tetracosane (C24)

R.T.: 14.691 min
Delta R.T.: -0.074 min
Response: 10823634
Conc: 77.90 ug/ml m



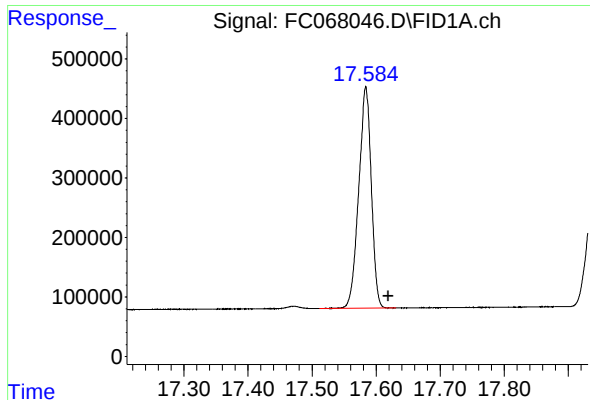
#15 n-Hexacosane (C26)

R.T.: 15.749 min
Delta R.T.: -0.036 min
Response: 5120179
Conc: 38.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.038 min
Response: 5075422
Conc: 39.13 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: -0.035 min
Response: 5085192
Conc: 39.25 ug/ml

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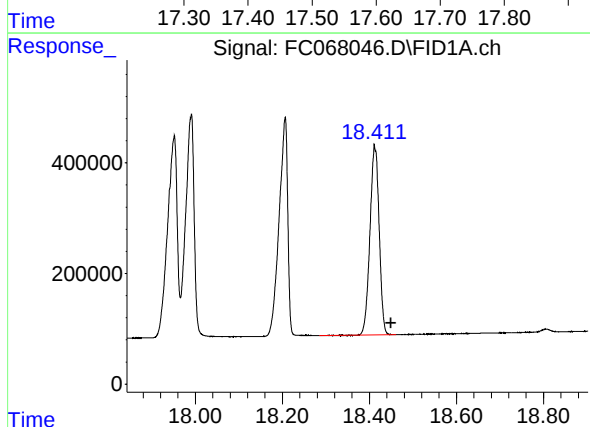
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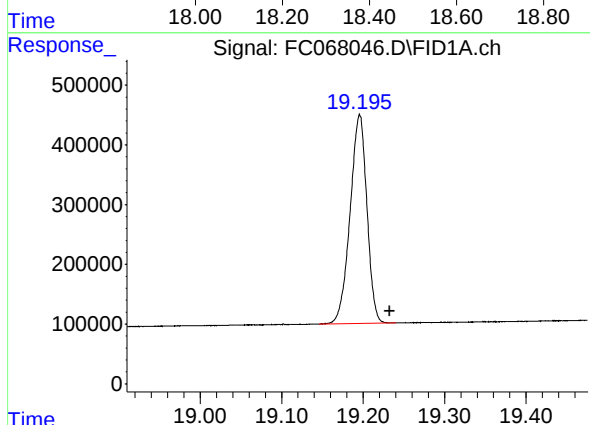
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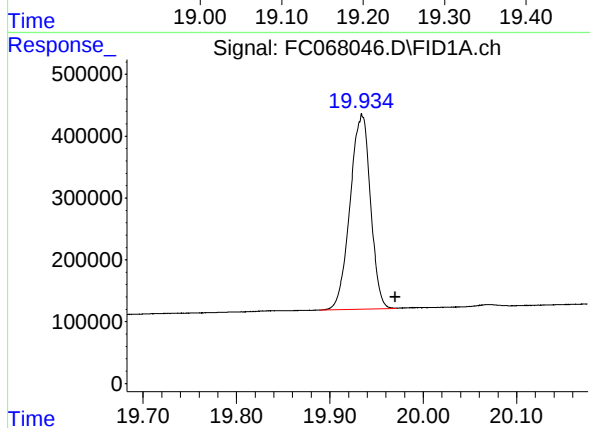
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: -0.037 min
Response: 5008501
Conc: 40.43 ug/ml



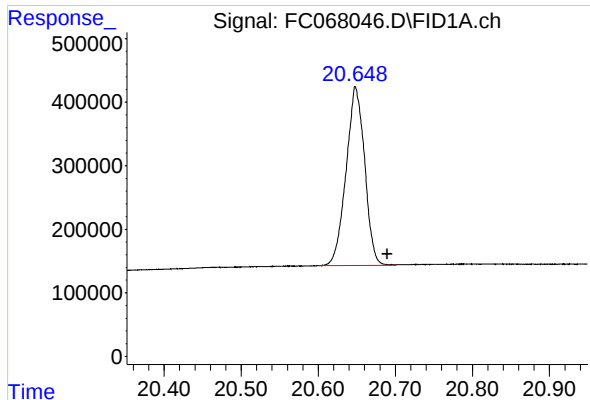
#19 n-Tetatriacontane (C34)

R.T.: 19.195 min
Delta R.T.: -0.037 min
Response: 5001859
Conc: 45.83 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.037 min
Response: 4778879
Conc: 50.51 ug/ml m



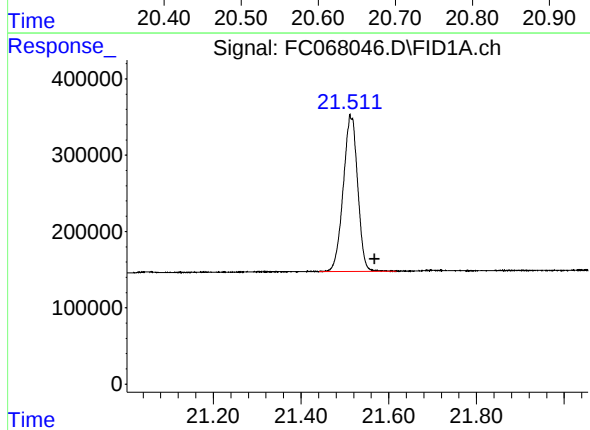
#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.041 min
Response: 4716841
Conc: 52.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.056 min
Response: 4674957
Conc: 53.04 ug/ml m