

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061048.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 17:55
 Operator : YP/AJ
 Sample : PB146896BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146896BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e
 Quant Time: Aug 10 23:18:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.637	6272888	38.224 ug/ml
Spiked Amount 50.000		Recovery =	76.45%
12) S 1-chlorooctadecane (S...	11.999	5837589	43.973 ug/ml
Spiked Amount 50.000		Recovery =	87.95%
Target Compounds			
1) T n-Nonane (C9)	2.658	5908223	41.950 ug/ml
2) T n-Decane (C10)	3.637	5741206	40.699 ug/ml
3) T A~Naphthalene (C11.7)	5.168	6703747	47.161 ug/ml
4) T n-Dodecane (C12)	5.573	6473137	43.674 ug/ml
5) T A~2-methylnaphthalene...	6.189	6537936	47.670 ug/ml
6) T n-Tetradecane (C14)	7.322	6516692	43.406 ug/ml
7) T n-Hexadecane (C16)	8.881	6468192	42.266 ug/ml
8) T n-Octadecane (C18)	10.286	6518298	41.743 ug/ml
10) T n-Eicosane (C20)	11.564	6199857	39.507 ug/ml
11) T n-Heneicosane (C21)	12.161	6059976	38.729 ug/ml
13) T n-Docosane (C22)	12.732	5847289	37.503 ug/ml
14) T n-Tetracosane (C24)	13.792	5221736	34.203 ug/mlm
15) T n-Hexacosane (C26)	14.804	5247605	35.155 ug/ml
16) T n-Octacosane (C28)	15.728	9829528	68.597 ug/ml
17) T n-Tricontane (C30)	16.596	4941916	35.299 ug/ml
18) T n-Dotriacontane (C32)	17.405	5929082	43.932 ug/ml
19) T n-Tetratriacontane (C34)	18.169	4809294	38.346 ug/ml
20) T n-Hexatriacontane (C36)	18.889	4547535	37.203 ug/ml
21) T n-Octatriacontane (C38)	19.569	4223950	35.789 ug/ml
22) T n-Tetracontane (C40)	20.217	3998442	34.740 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB146896BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

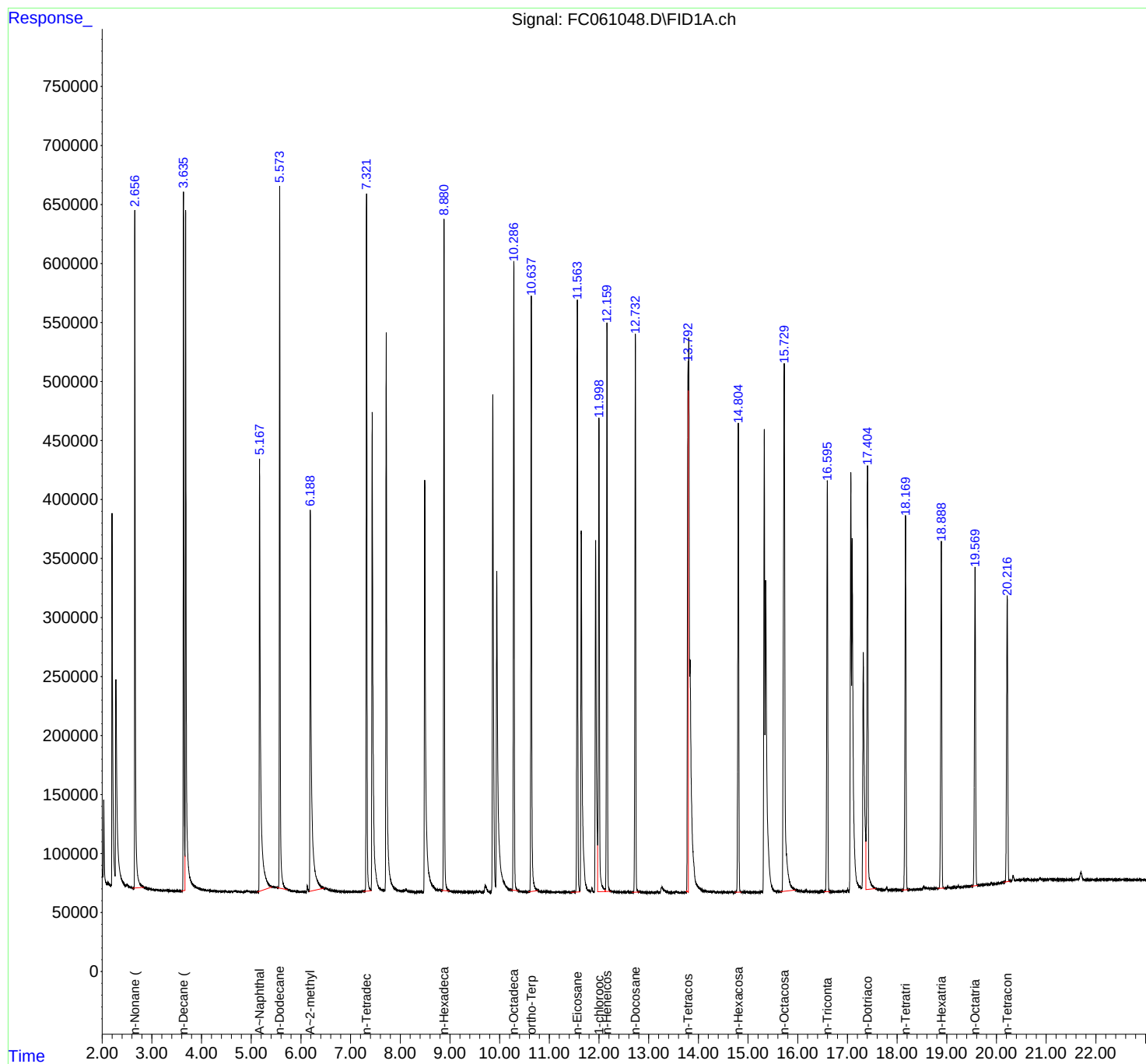
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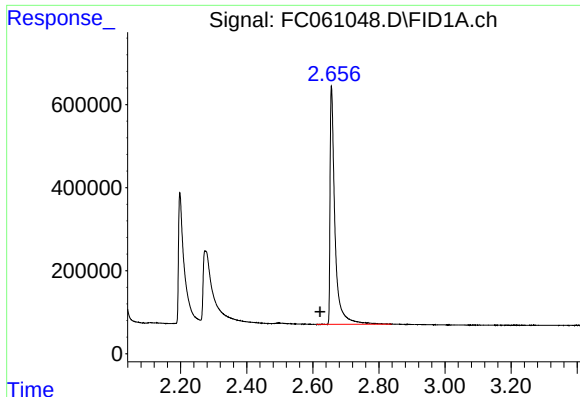
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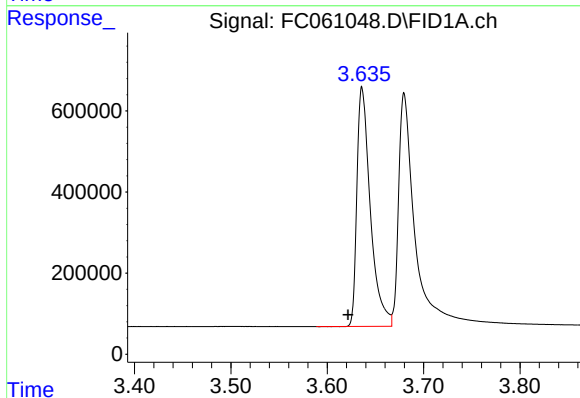
#1 n-Nonane (C9)

R.T.: 2.658 min
Delta R.T.: 0.036 min
Response: 5908223
Conc: 41.95 ug/ml

Instrument :
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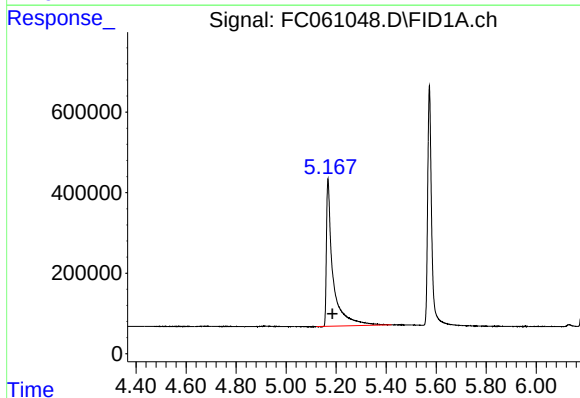
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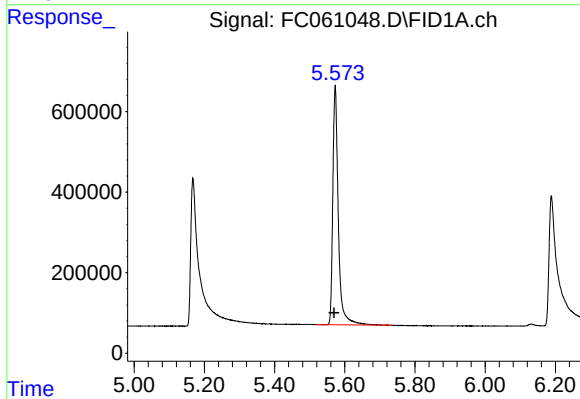
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: 0.015 min
Response: 5741206
Conc: 40.70 ug/ml



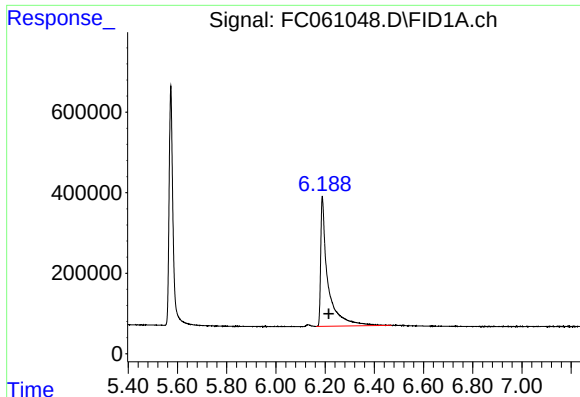
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.016 min
Response: 6703747
Conc: 47.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 6473137
Conc: 43.67 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.025 min
Response: 6537936
Conc: 47.67 ug/ml

Instrument :

FID_C

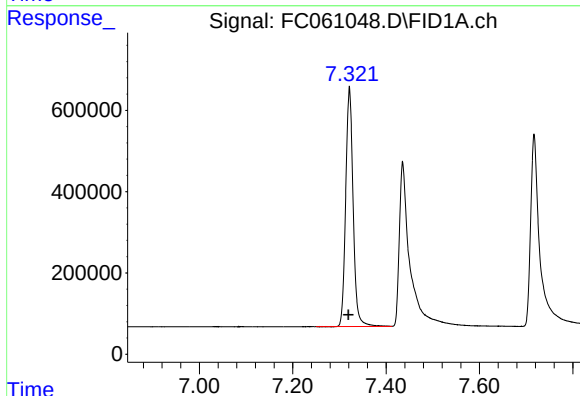
ClientSampleId :

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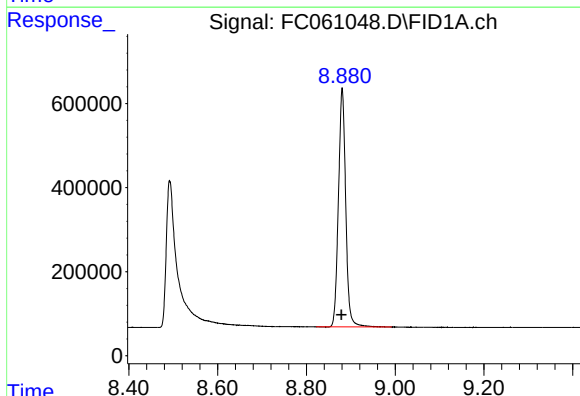
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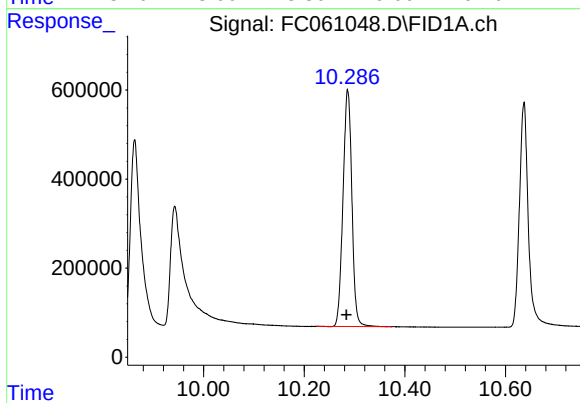
#6 n-Tetradecane (C14)

R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 6516692
Conc: 43.41 ug/ml



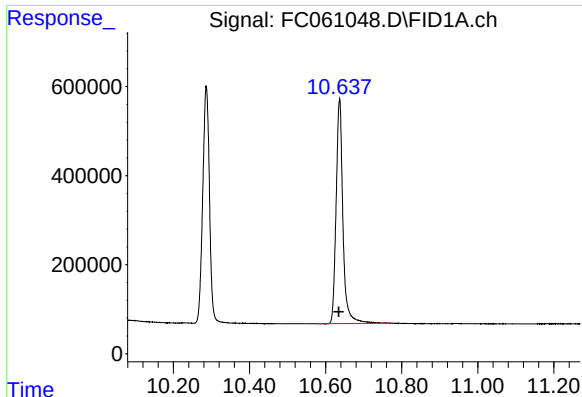
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 6468192
Conc: 42.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.003 min
Response: 6518298
Conc: 41.74 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.002 min
Response: 6272888
Conc: 38.22 ug/ml

Instrument :

FID_C

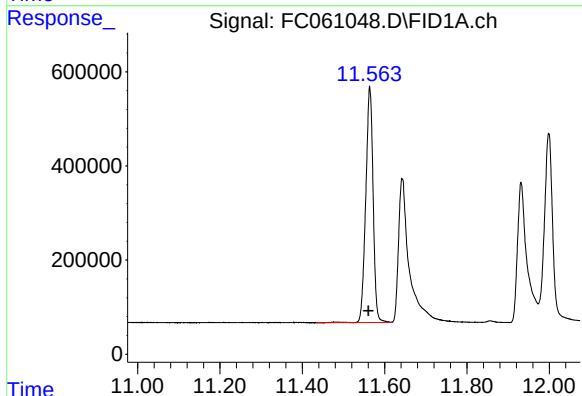
ClientSampleId :

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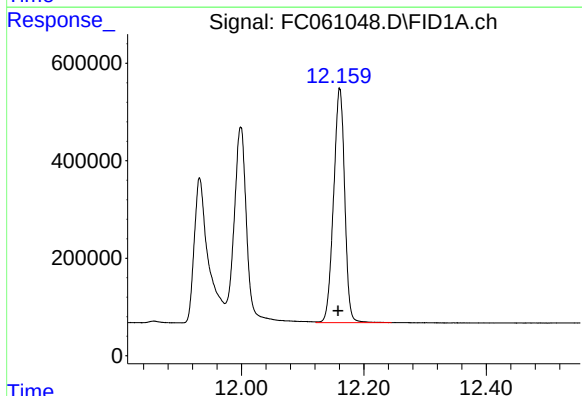
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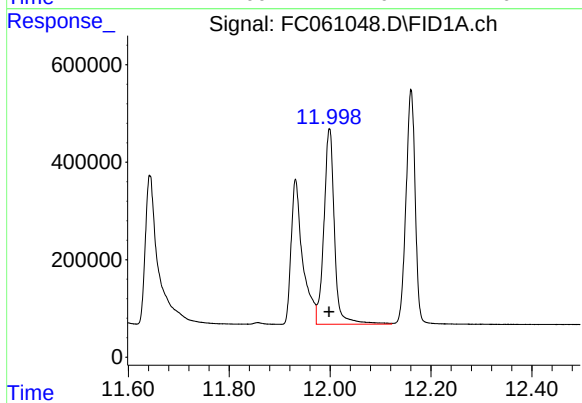
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: 0.003 min
Response: 6199857
Conc: 39.51 ug/ml



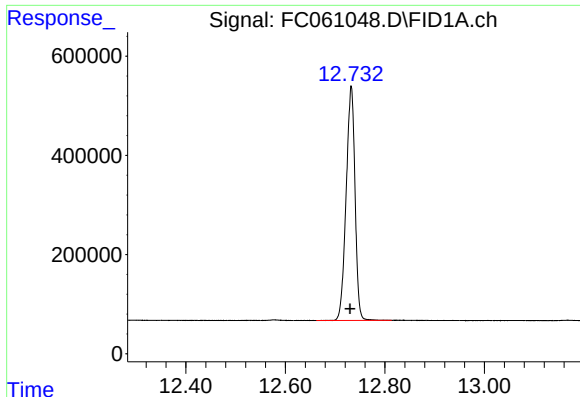
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 6059976
Conc: 38.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: 0.001 min
Response: 5837589
Conc: 43.97 ug/ml



#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 5847289
Conc: 37.50 ug/ml

Instrument :

FID_C

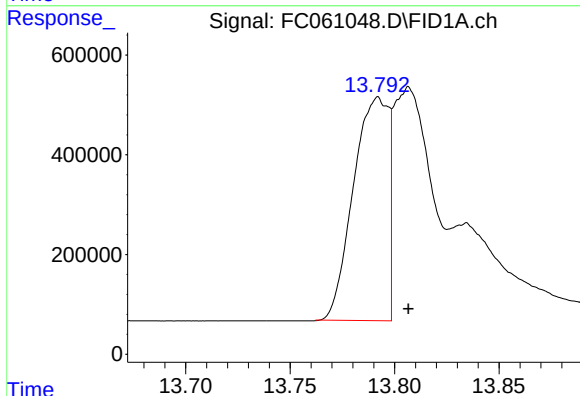
ClientSampleId :

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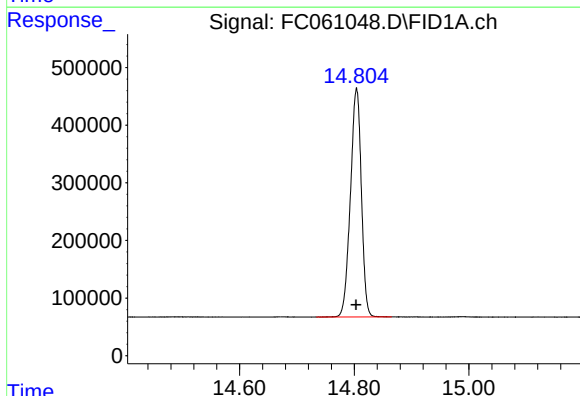
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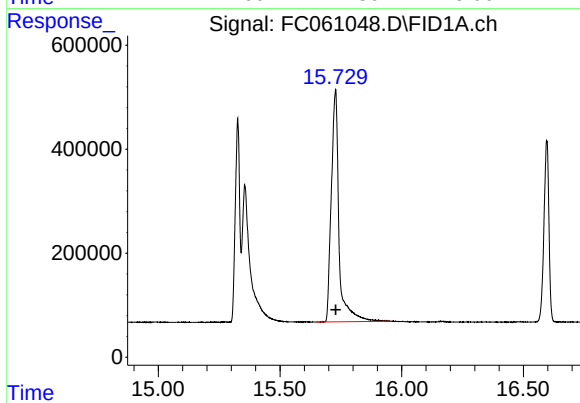
#14 n-Tetracosane (C24)

R.T.: 13.792 min
Delta R.T.: -0.015 min
Response: 5221736
Conc: 34.20 ug/ml m



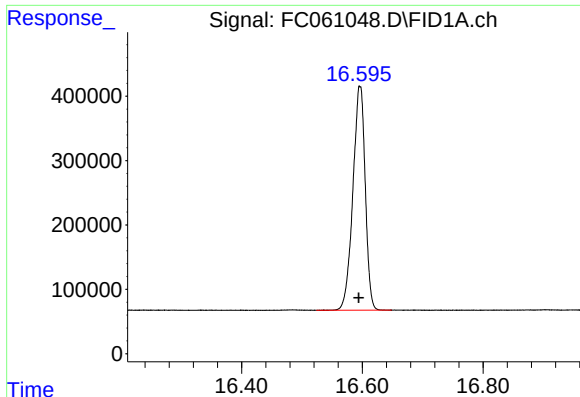
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 5247605
Conc: 35.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: -0.001 min
Response: 9829528
Conc: 68.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 4941916
Conc: 35.30 ug/ml

Instrument :

FID_C

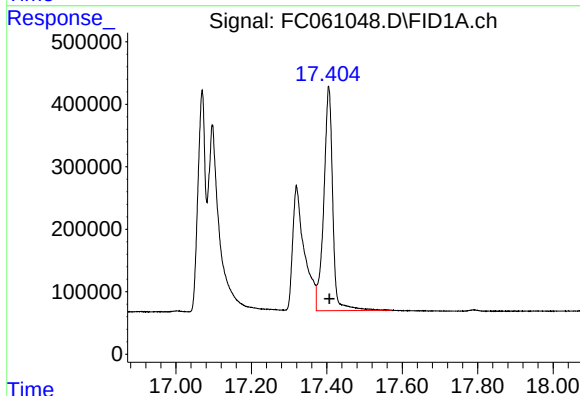
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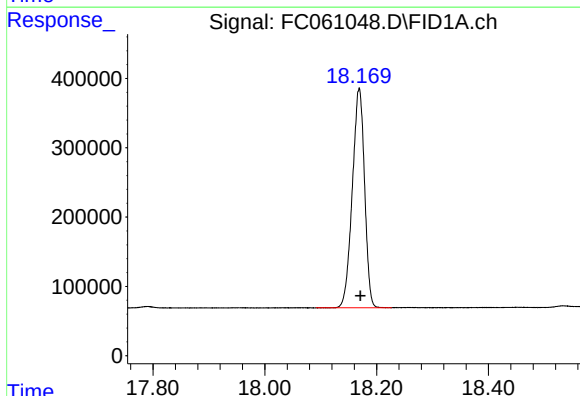
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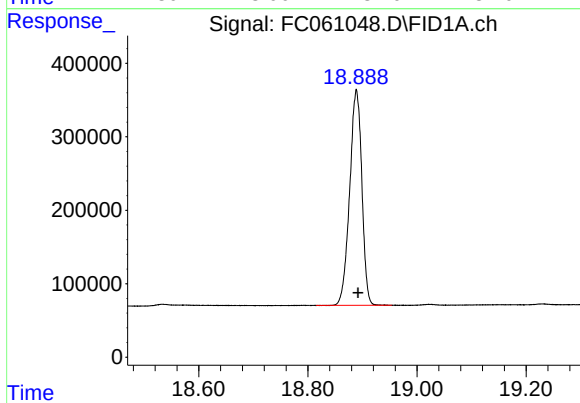
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 5929082
Conc: 43.93 ug/ml



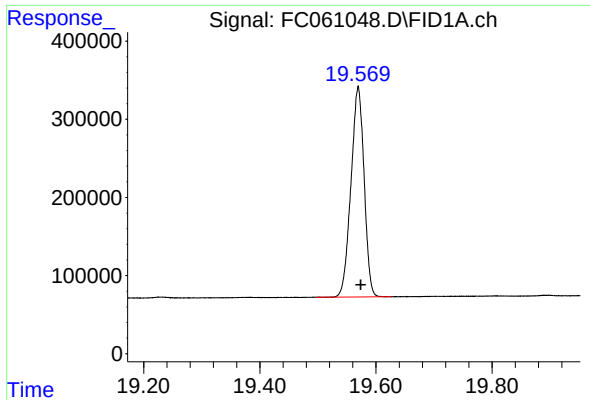
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min
Delta R.T.: -0.002 min
Response: 4809294
Conc: 38.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.003 min
Response: 4547535
Conc: 37.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.569 min
Delta R.T.: -0.004 min
Response: 4223950
Conc: 35.79 ug/ml

Instrument :

FID_C

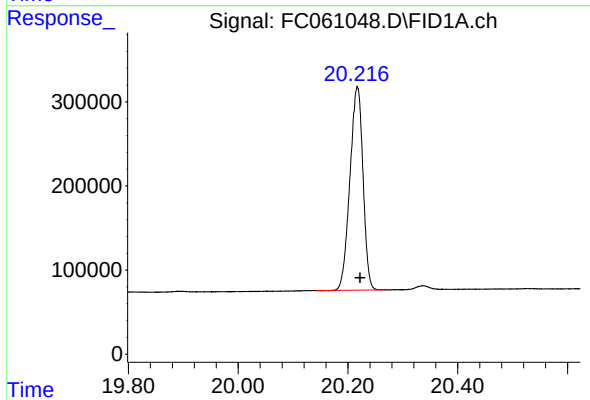
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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 3998442
Conc: 34.74 ug/ml