

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066689.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 19:14
 Operator : YP/AJ
 Sample : P3111-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:18:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.534	4357451	25.262 ug/ml
Spiked Amount 50.000		Recovery =	50.52%
12) S 1-chlorooctadecane (S...	12.972	3568671	25.864 ug/ml
Spiked Amount 50.000		Recovery =	51.73%
Target Compounds			
1) T n-Nonane (C9)	3.310	6109152	42.047 ug/ml
2) T n-Decane (C10)	4.370	6522118	43.725 ug/ml
3) T A~Naphthalene (C11.7)	5.948	7621655	46.942 ug/ml
4) T n-Dodecane (C12)	6.382	6495908	42.861 ug/ml
5) T A~2-methylnaphthalene...	7.004	7586285	47.752 ug/ml
6) T n-Tetradecane (C14)	8.179	6788215	44.752 ug/ml
7) T n-Hexadecane (C16)	9.779	6944816	43.354 ug/ml
8) T n-Octadecane (C18)	11.221	6903885	41.608 ug/ml
10) T n-Eicosane (C20)	12.532	7174687	44.134 ug/ml
11) T n-Heneicosane (C21)	13.143	6817632	42.313 ug/ml
13) T n-Docosane (C22)	13.729	6858028	42.777 ug/ml
14) T n-Tetracosane (C24)	14.831	4683706	29.511 ug/mlm
15) T n-Hexacosane (C26)	15.853	6016656	39.403 ug/ml
16) T n-Octacosane (C28)	16.801	6180301	42.845 ug/ml
17) T n-Tricontane (C30)	17.693	5877824	42.071 ug/mlm
18) T n-Dotriacontane (C32)	18.523	5883911	44.584 ug/mlm
19) T n-Tetratriacontane (C34)	19.307	5832152	47.157 ug/ml
20) T n-Hexatriacontane (C36)	20.047	5557799	46.115 ug/ml
21) T n-Octatriacontane (C38)	20.778	5712736	49.959 ug/mlm
22) T n-Tetracontane (C40)	21.684	5638834	50.208 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
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Operator : YP/AJ
Sample : P3111-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

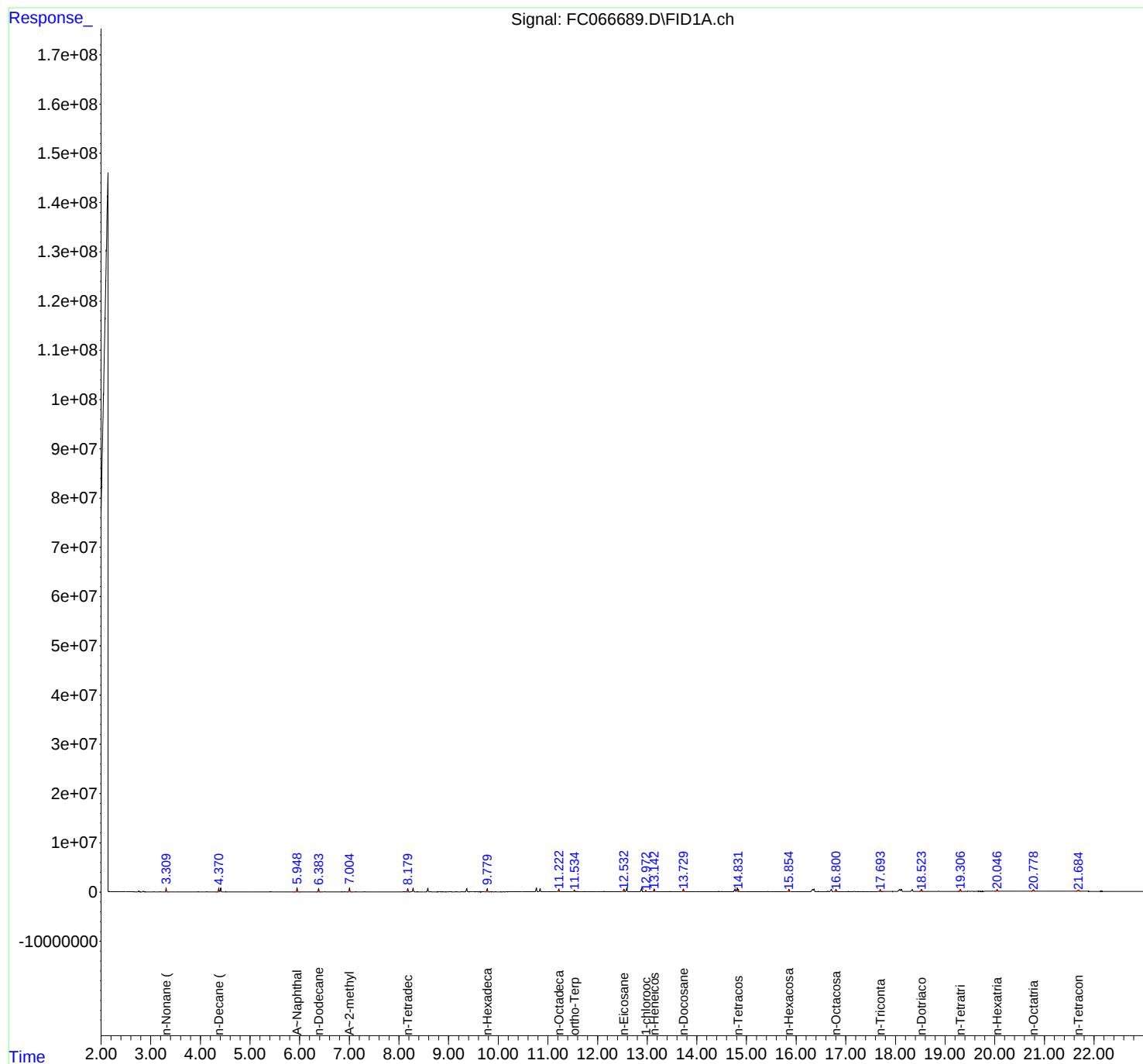
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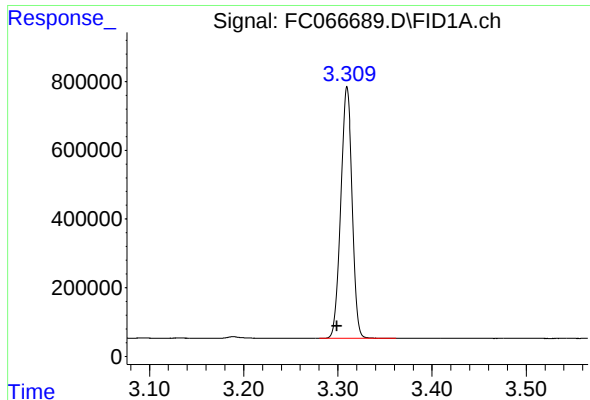
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.011 min
Response: 6109152
Conc: 42.05 ug/ml

Instrument :

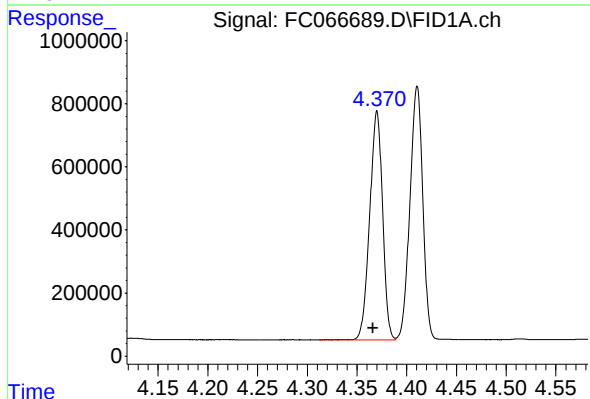
FID_C

ClientSampleId :

3MS

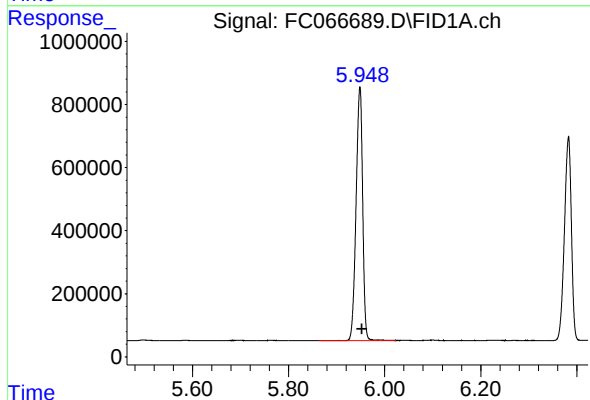
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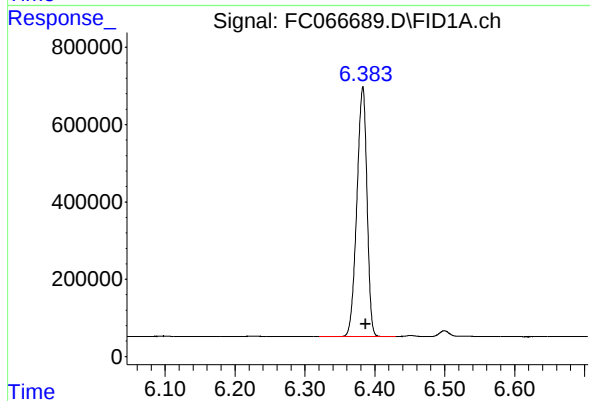
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.004 min
Response: 6522118
Conc: 43.73 ug/ml



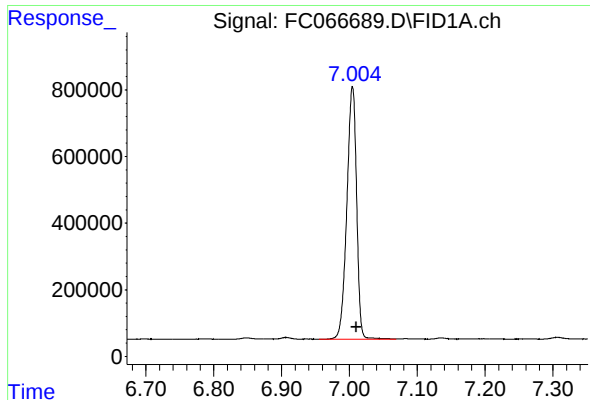
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 7621655
Conc: 46.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.004 min
Response: 6495908
Conc: 42.86 ug/ml



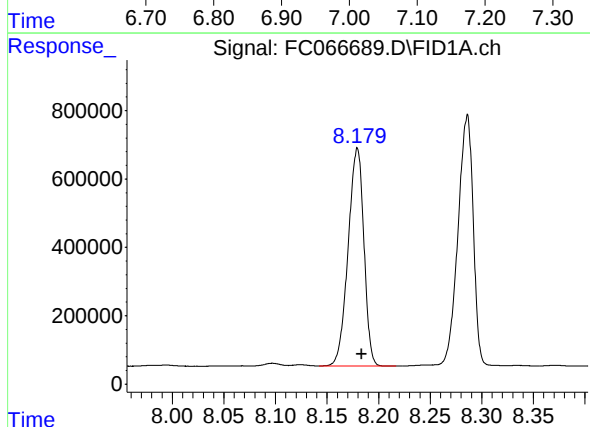
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.006 min
Response: 7586285
Conc: 47.75 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

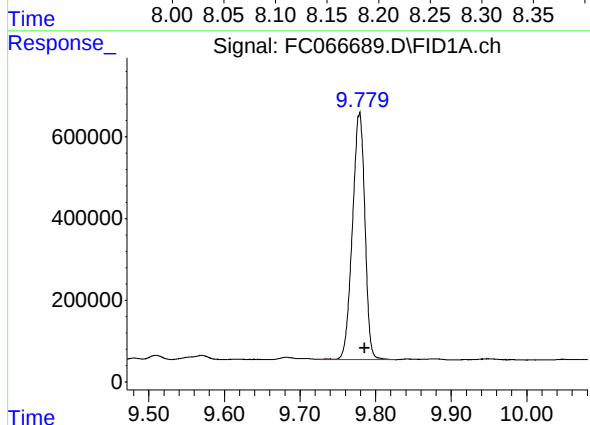
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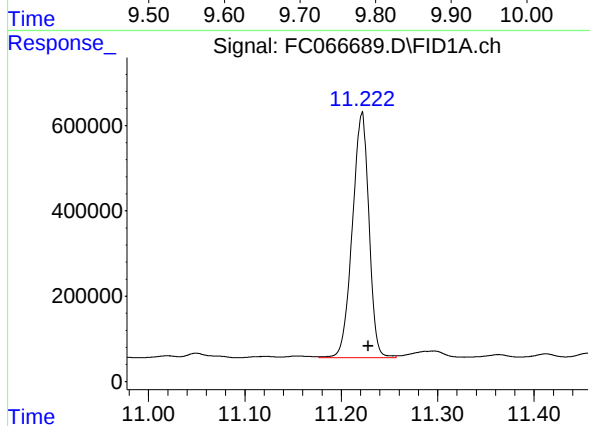
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.005 min
Response: 6788215
Conc: 44.75 ug/ml



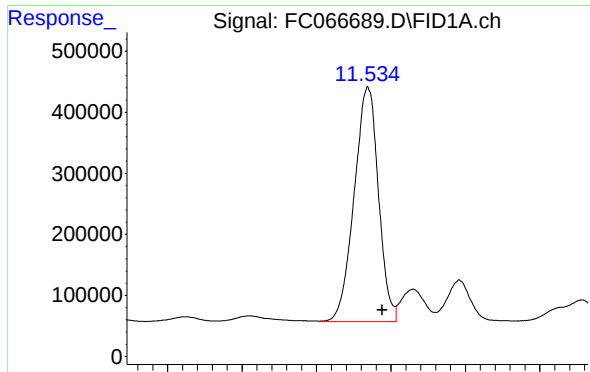
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.007 min
Response: 6944816
Conc: 43.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.007 min
Response: 6903885
Conc: 41.61 ug/ml



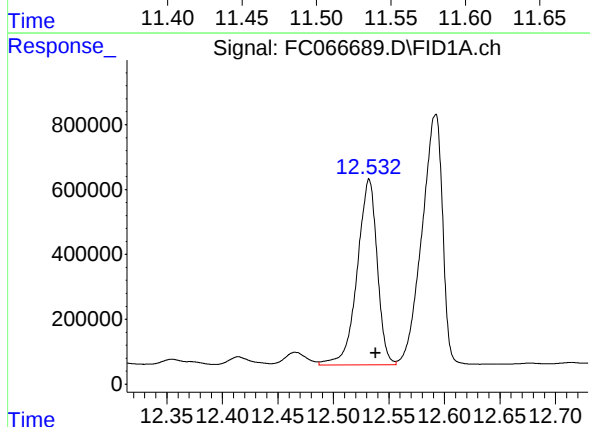
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 4357451
Conc: 25.26 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

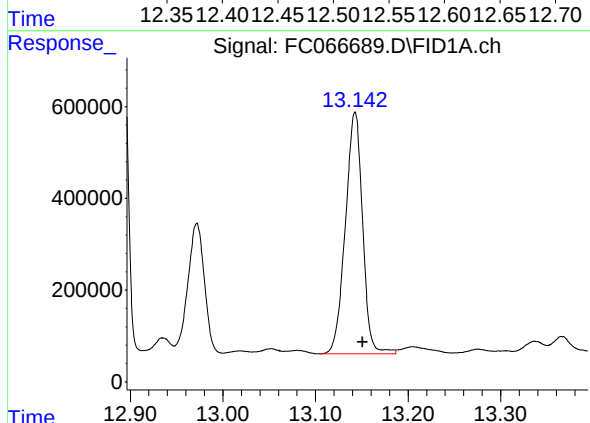
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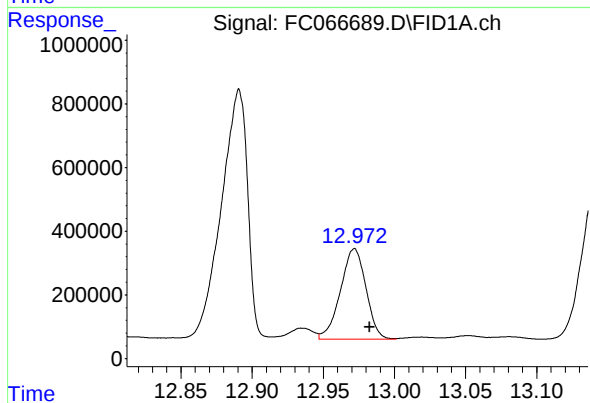
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 7174687
Conc: 44.13 ug/ml



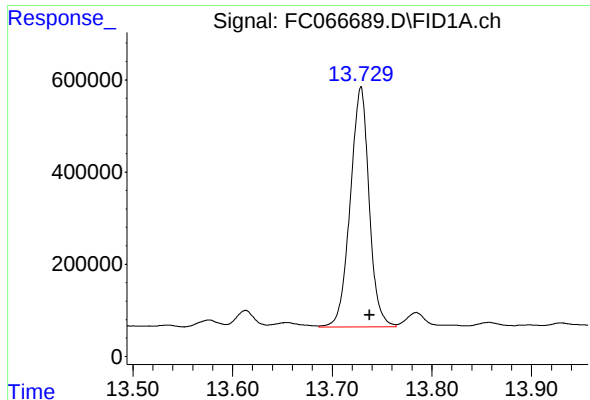
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 6817632
Conc: 42.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 3568671
Conc: 25.86 ug/ml



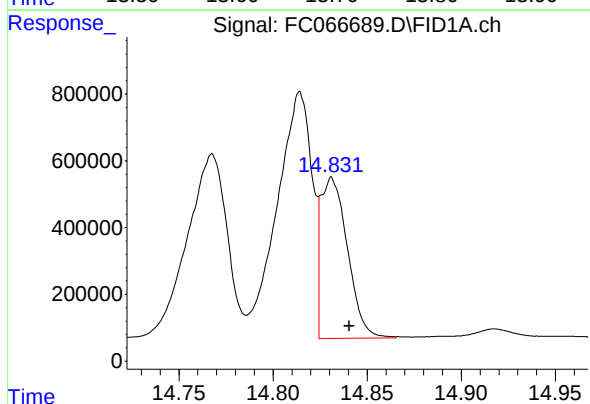
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.009 min
Response: 6858028
Conc: 42.78 ug/ml

Instrument :
FID_C
ClientSampleId :
3MS

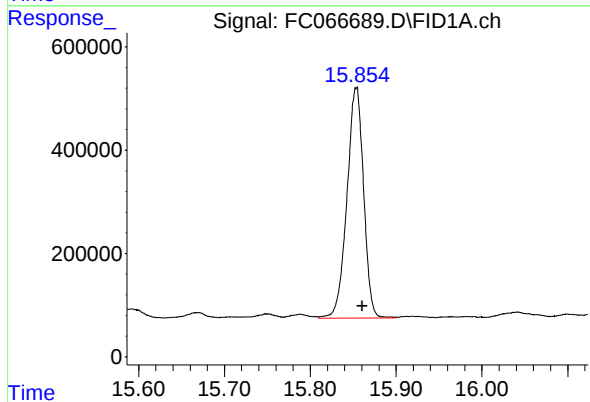
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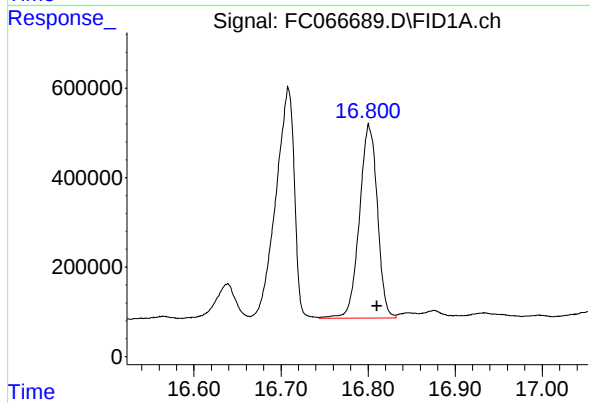
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.010 min
Response: 4683706
Conc: 29.51 ug/ml



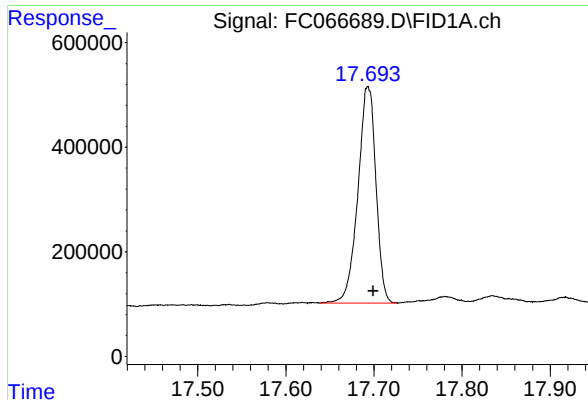
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.007 min
Response: 6016656
Conc: 39.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.009 min
Response: 6180301
Conc: 42.85 ug/ml



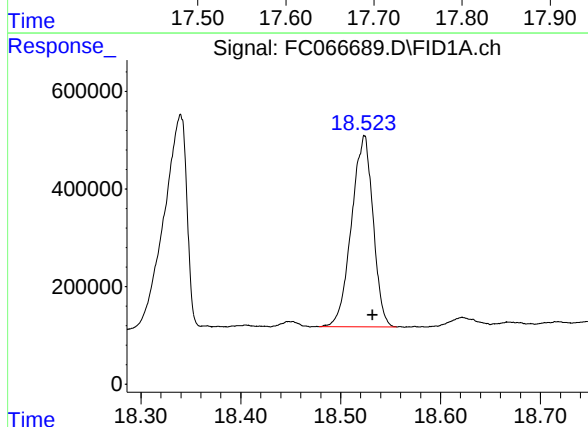
#17 n-Tricontane (C30)

R.T.: 17.693 min
Delta R.T.: -0.006 min
Response: 5877824
Conc: 42.07 ug/ml

Instrument :
FID_C
ClientSampleId :
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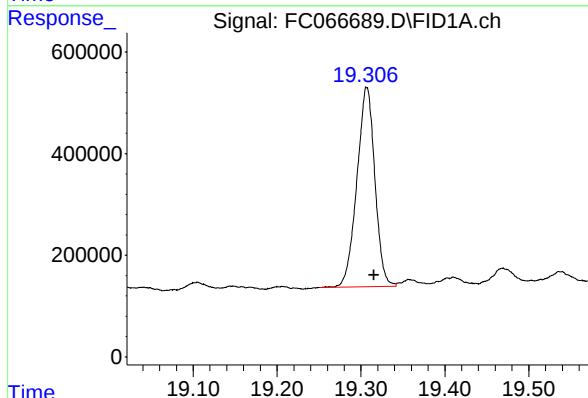
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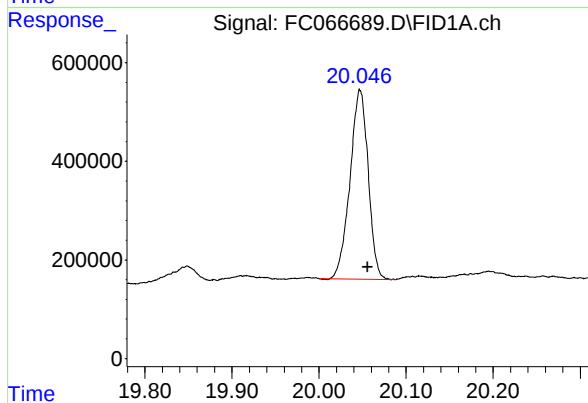
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.009 min
Response: 5883911
Conc: 44.58 ug/ml



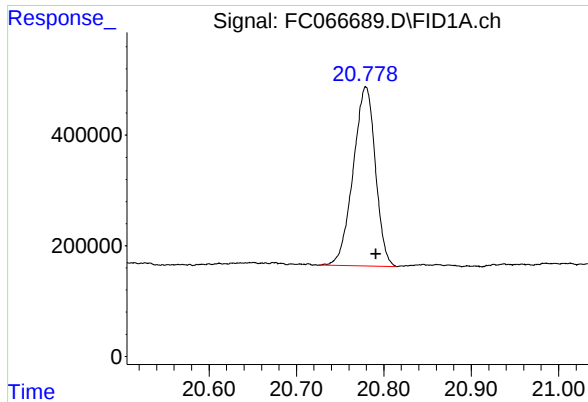
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.009 min
Response: 5832152
Conc: 47.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 5557799
Conc: 46.12 ug/ml



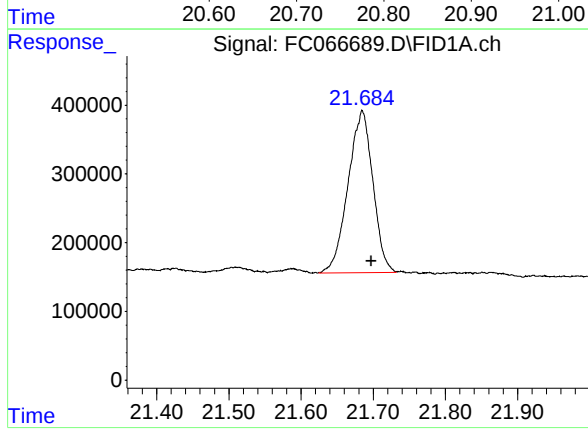
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.013 min
Response: 5712736
Conc: 49.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.013 min
Response: 5638834
Conc: 50.21 ug/ml m