

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
 Data File : FC062119.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2022 16:12
 Operator : YP/AJ
 Sample : PB148924BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148924BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 03:16:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.596	5891618	39.636 ug/ml
Spiked Amount 50.000		Recovery =	79.27%
12) S 1-chlorooctadecane (S...	13.030	4562454	39.162 ug/ml
Spiked Amount 50.000		Recovery =	78.32%
Target Compounds			
1) T n-Nonane (C9)	3.365	5804008	41.262 ug/ml
2) T n-Decane (C10)	4.426	5979663	41.890 ug/ml
3) T A~Naphthalene (C11.7)	6.008	6339891	41.074 ug/ml
4) T n-Dodecane (C12)	6.442	6171938	42.515 ug/ml
5) T A~2-methylnaphthalene...	7.066	6074793	40.046 ug/ml
6) T n-Tetradecane (C14)	8.239	6066013	41.730 ug/ml
7) T n-Hexadecane (C16)	9.838	6133165	42.116 ug/ml
8) T n-Octadecane (C18)	11.280	6077694	42.048 ug/ml
10) T n-Eicosane (C20)	12.587	5679200	40.239 ug/ml
11) T n-Heneicosane (C21)	13.198	5533178	39.877 ug/ml
13) T n-Docosane (C22)	13.784	5449157	39.748 ug/ml
14) T n-Tetracosane (C24)	14.866	10115886	76.559 ug/mlm
15) T n-Hexacosane (C26)	15.903	5078550	40.304 ug/ml
16) T n-Octacosane (C28)	16.850	4966763	41.182 ug/ml
17) T n-Tricontane (C30)	17.734	4849429	40.757 ug/ml
18) T n-Dotriacontane (C32)	18.565	4879375	41.413 ug/ml
19) T n-Tetratriacontane (C34)	19.347	4850260	42.933 ug/ml
20) T n-Hexatriacontane (C36)	20.085	4659210	41.083 ug/ml
21) T n-Octatriacontane (C38)	20.819	4676974	41.566 ug/ml
22) T n-Tetracontane (C40)	21.737	4715424	42.001 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
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Operator : YP/AJ
Sample : PB148924BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

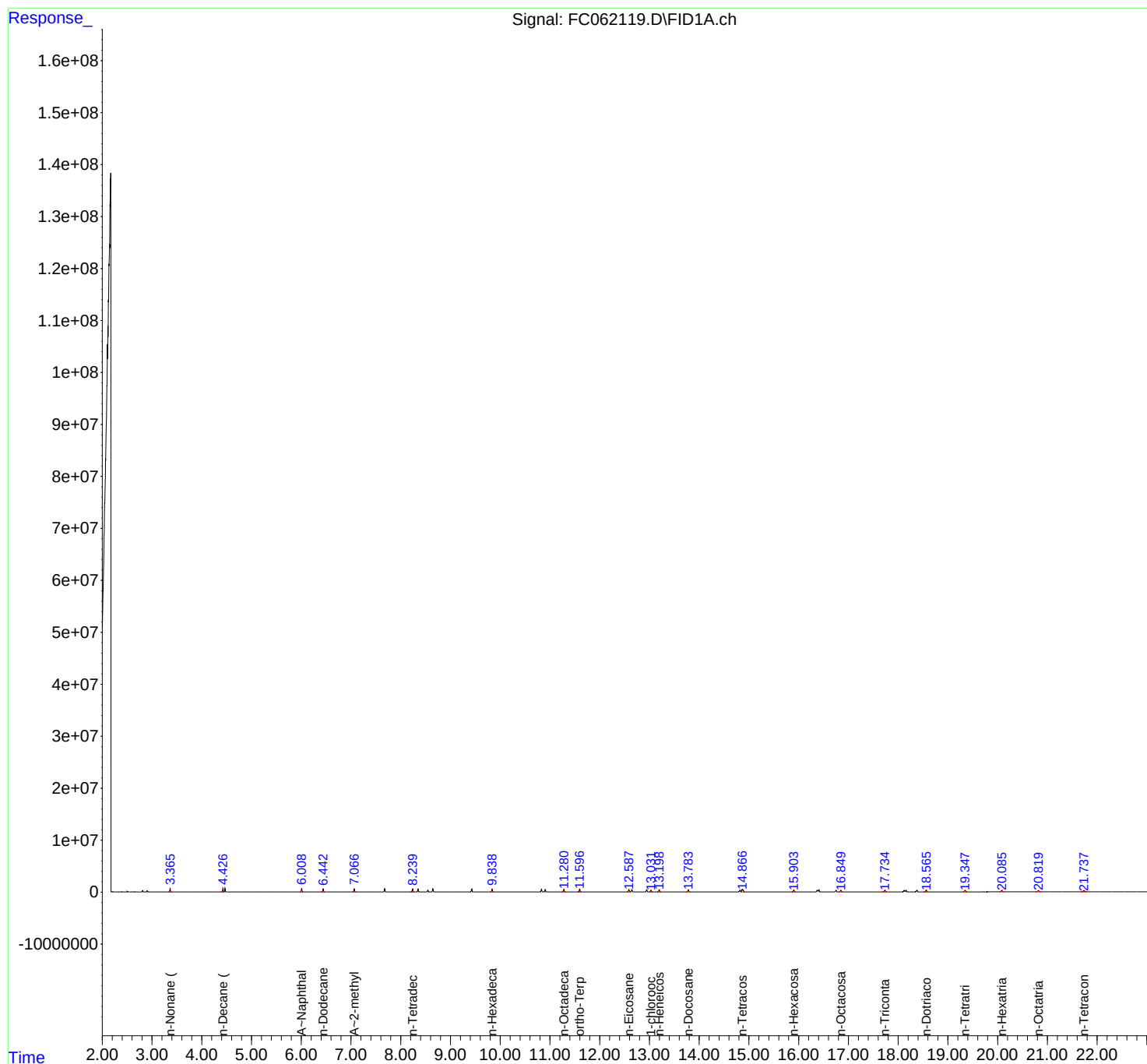
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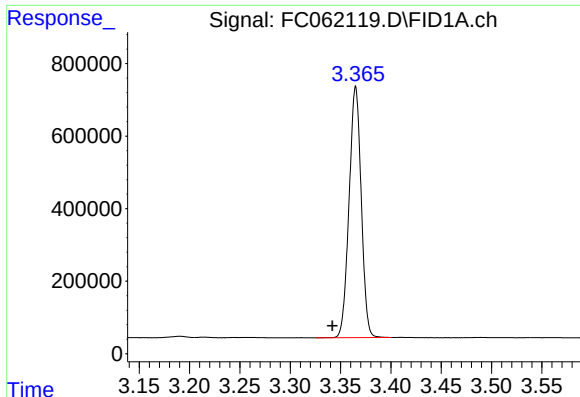
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#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.023 min
Response: 5804008
Conc: 41.26 ug/ml

Instrument :

FID_C

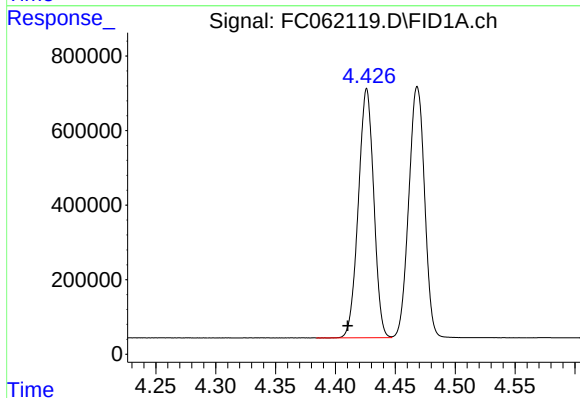
ClientSampleId :

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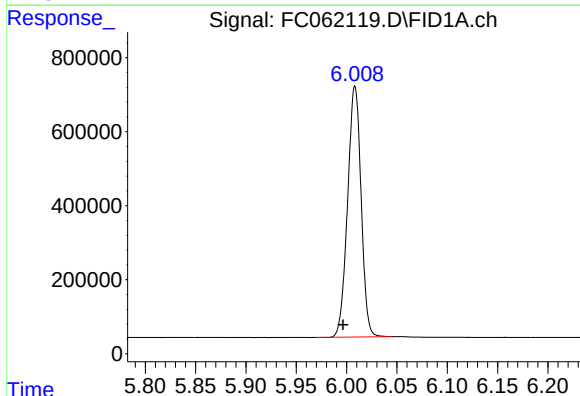
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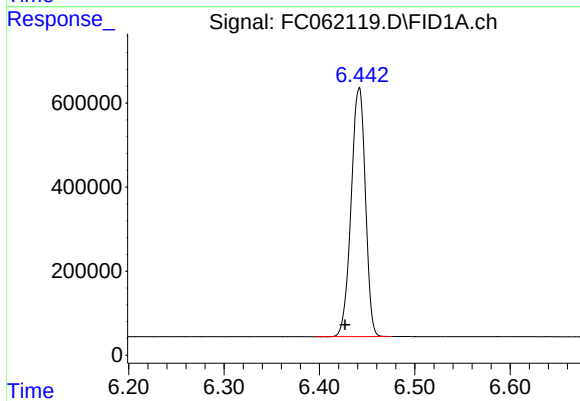
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: 0.016 min
Response: 5979663
Conc: 41.89 ug/ml



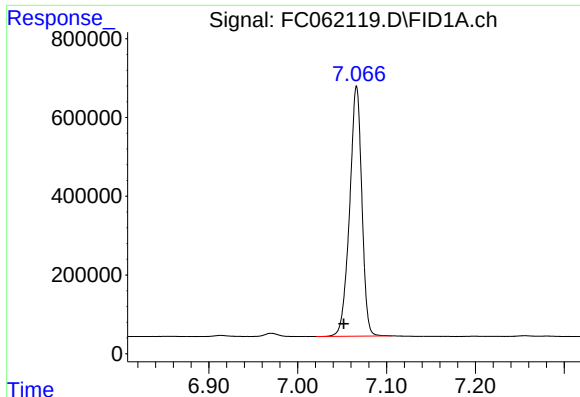
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: 0.012 min
Response: 6339891
Conc: 41.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: 0.015 min
Response: 6171938
Conc: 42.52 ug/ml



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

R.T.: 7.066 min
Delta R.T.: 0.015 min
Response: 6074793
Conc: 40.05 ug/ml

Instrument :

FID_C

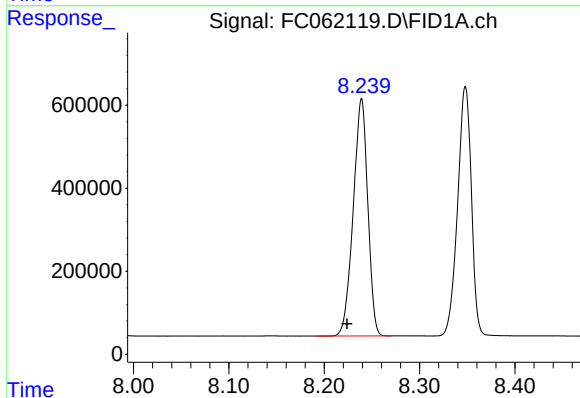
ClientSampleId :

PB148924BS

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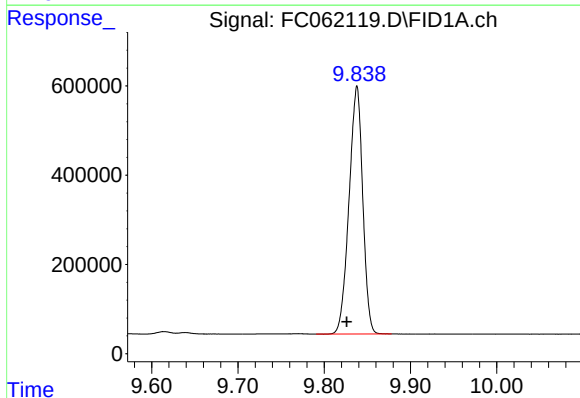
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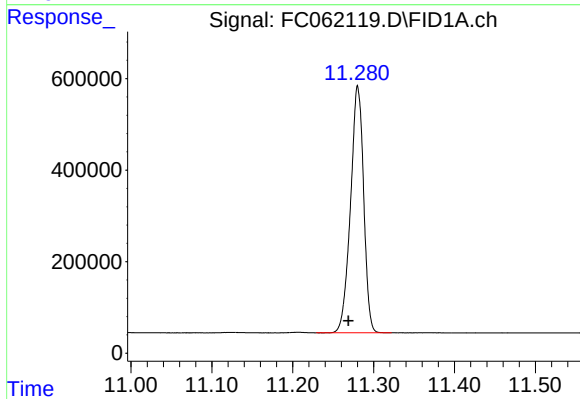
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.015 min
Response: 6066013
Conc: 41.73 ug/ml



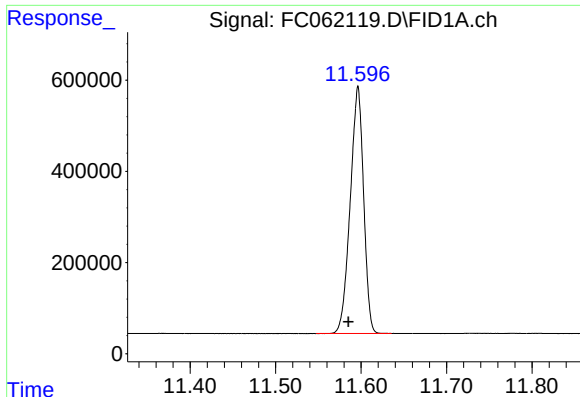
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.012 min
Response: 6133165
Conc: 42.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.012 min
Response: 6077694
Conc: 42.05 ug/ml



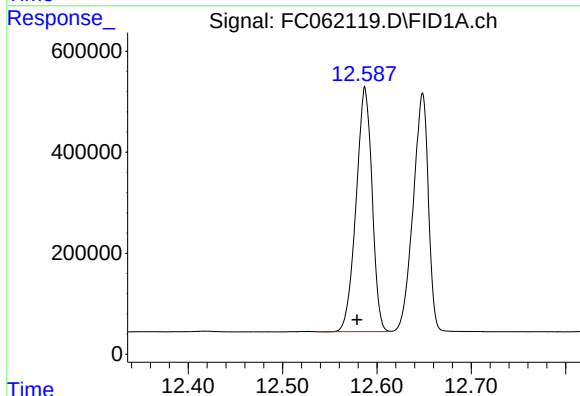
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.011 min
Response: 5891618
Conc: 39.64 ug/ml

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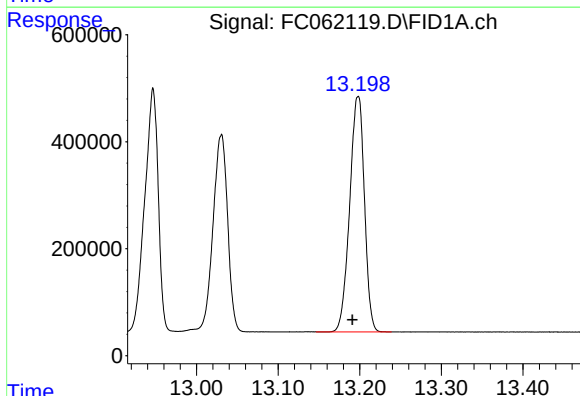
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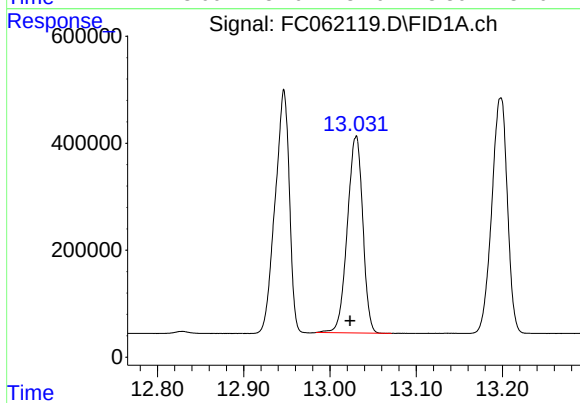
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: 0.008 min
Response: 5679200
Conc: 40.24 ug/ml



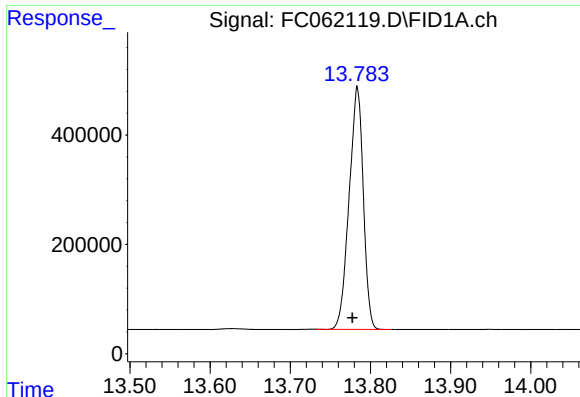
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.007 min
Response: 5533178
Conc: 39.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.007 min
Response: 4562454
Conc: 39.16 ug/ml



#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: 0.006 min
Response: 5449157
Conc: 39.75 ug/ml

Instrument :

FID_C

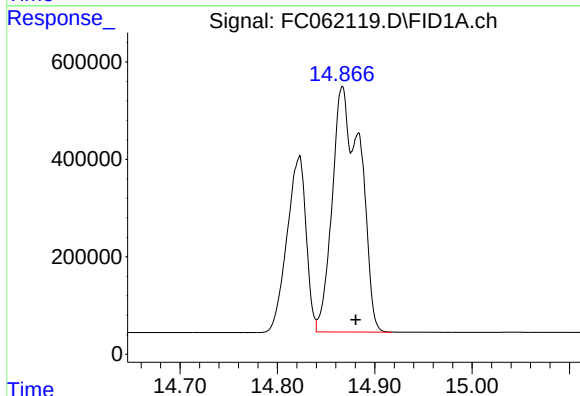
ClientSampleId :

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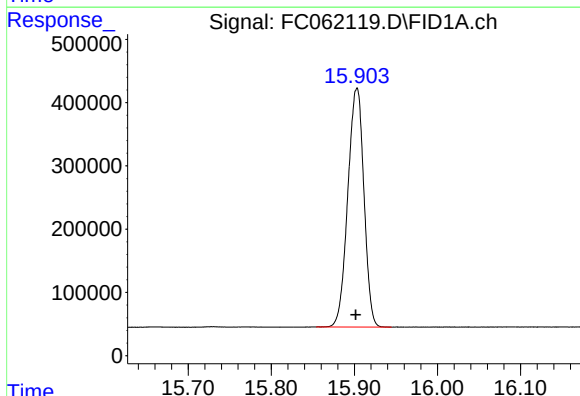
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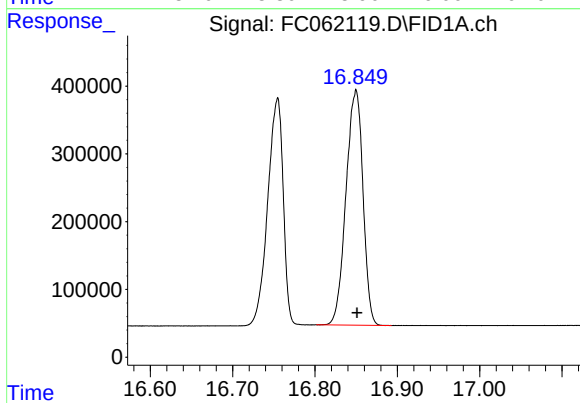
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.014 min
Response: 10115886
Conc: 76.56 ug/ml m



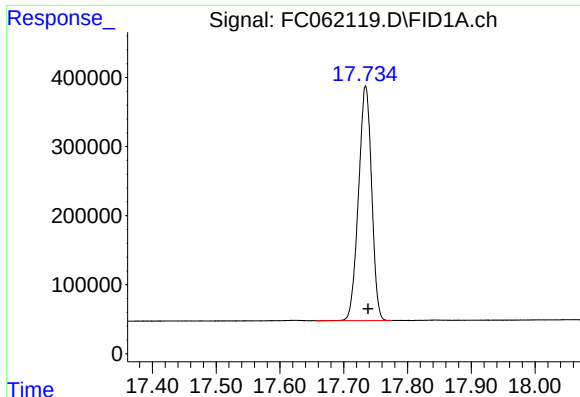
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.002 min
Response: 5078550
Conc: 40.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.001 min
Response: 4966763
Conc: 41.18 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 4849429
Conc: 40.76 ug/ml

Instrument :

FID_C

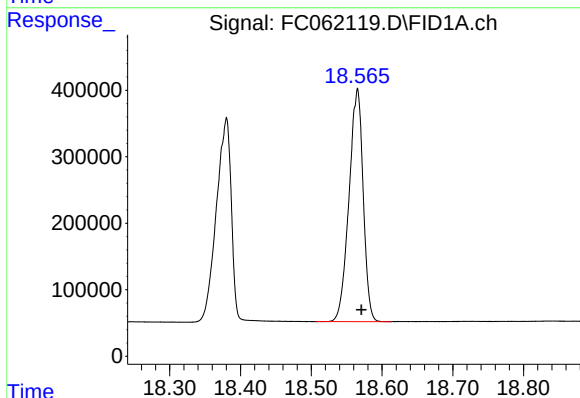
ClientSampleId :

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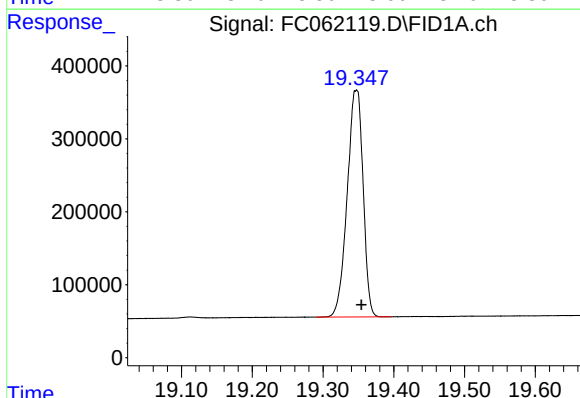
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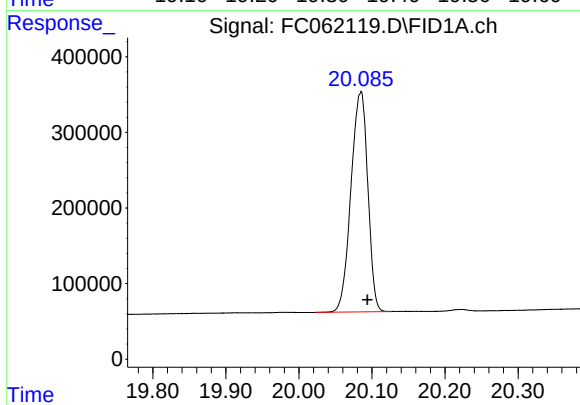
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 4879375
Conc: 41.41 ug/ml



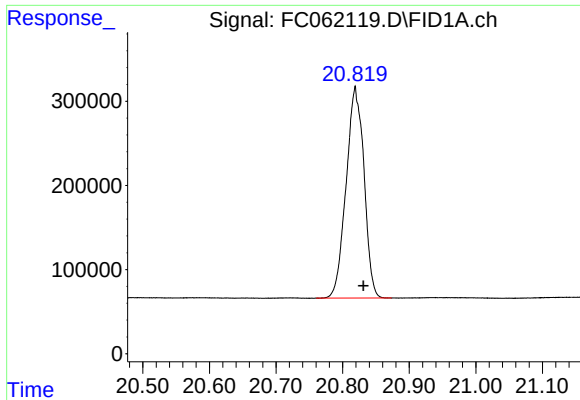
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 4850260
Conc: 42.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 4659210
Conc: 41.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.013 min
Response: 4676974
Conc: 41.57 ug/ml

Instrument :

FID_C

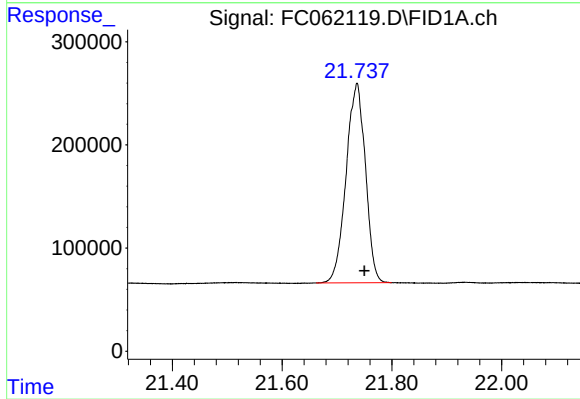
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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.013 min
Response: 4715424
Conc: 42.00 ug/ml