

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061099.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2022 19:14
 Operator : YP/AJ
 Sample : PB146956BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146956BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 22:23:27 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)	10.635	6878000	41.911 ug/ml
Spiked Amount 50.000		Recovery =	83.82%
12) S 1-chlorooctadecane (S...	11.997	6368519	47.972 ug/ml
Spiked Amount 50.000		Recovery =	95.94%
Target Compounds			
1) T n-Nonane (C9)	2.643	5281402	37.500 ug/ml
2) T n-Decane (C10)	3.630	5125813	36.336 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6471164	45.525 ug/ml
4) T n-Dodecane (C12)	5.570	6058400	40.876 ug/ml
5) T A~2-methylnaphthalene...	6.187	6673733	48.660 ug/ml
6) T n-Tetradecane (C14)	7.319	6477007	43.142 ug/ml
7) T n-Hexadecane (C16)	8.878	6828240	44.619 ug/ml
8) T n-Octadecane (C18)	10.285	7129523	45.657 ug/ml
10) T n-Eicosane (C20)	11.562	6808414	43.385 ug/ml
11) T n-Heneicosane (C21)	12.159	6720381	42.950 ug/ml
13) T n-Docosane (C22)	12.731	6513535	41.776 ug/ml
14) T n-Tetracosane (C24)	13.805	5860605	38.388 ug/mlm
15) T n-Hexacosane (C26)	14.804	5904146	39.553 ug/ml
16) T n-Octacosane (C28)	15.729	10958710	76.478 ug/ml
17) T n-Tricontane (C30)	16.596	5494979	39.249 ug/ml
18) T n-Dotriacontane (C32)	17.406	6704020	49.674 ug/ml
19) T n-Tetratriacontane (C34)	18.169	5375500	42.861 ug/ml
20) T n-Hexatriacontane (C36)	18.890	5262539	43.053 ug/ml
21) T n-Octatriacontane (C38)	19.572	5160905	43.727 ug/ml
22) T n-Tetracontane (C40)	20.217	5141391	44.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
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Acq On : 12 Aug 2022 19:14
Operator : YP/AJ
Sample : PB146956BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

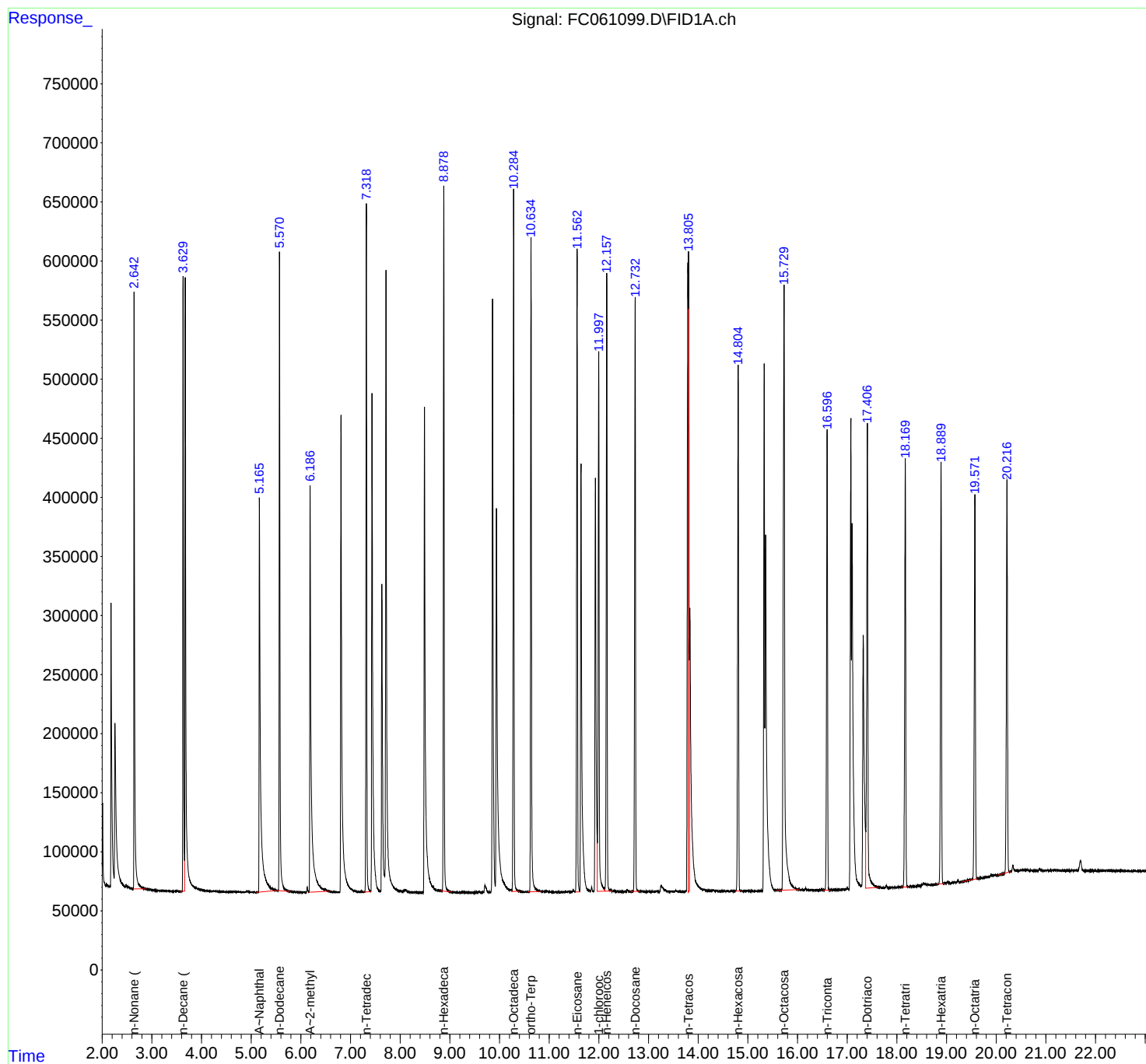
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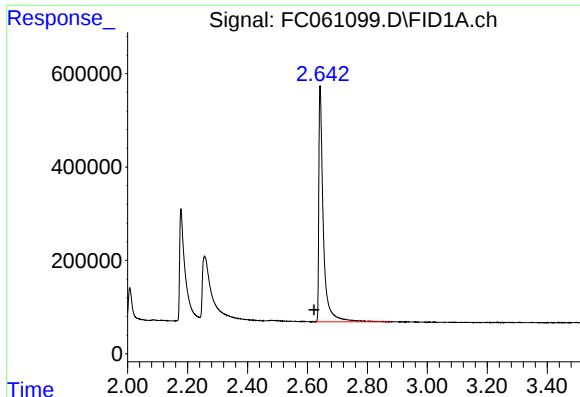
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.021 min
Response: 5281402
Conc: 37.50 ug/ml

Instrument :

FID_C

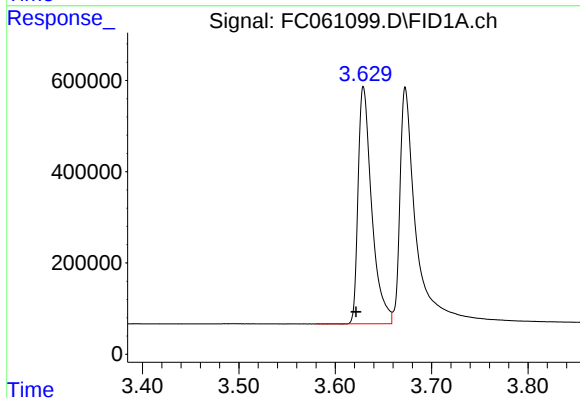
ClientSampleId :

PB146956BS

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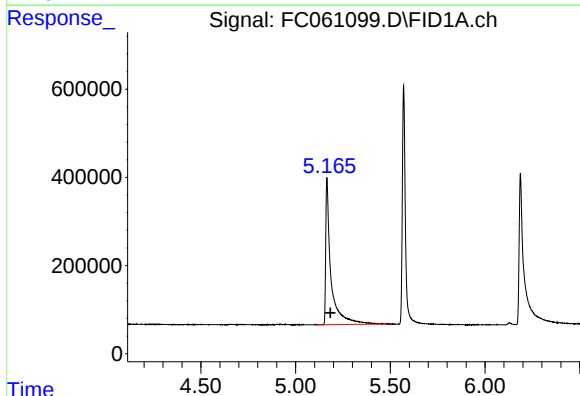
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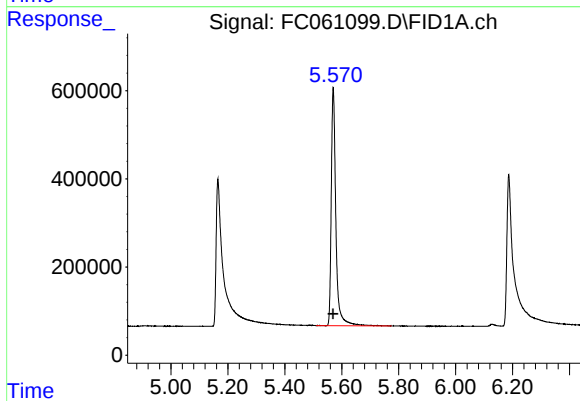
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.008 min
Response: 5125813
Conc: 36.34 ug/ml



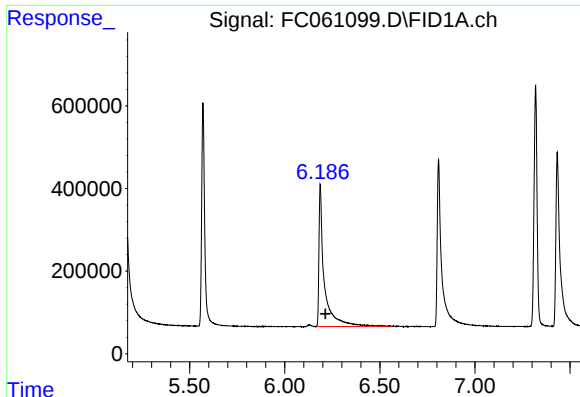
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.019 min
Response: 6471164
Conc: 45.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6058400
Conc: 40.88 ug/ml



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

R.T.: 6.187 min
Delta R.T.: -0.028 min
Response: 6673733
Conc: 48.66 ug/ml

Instrument :

FID_C

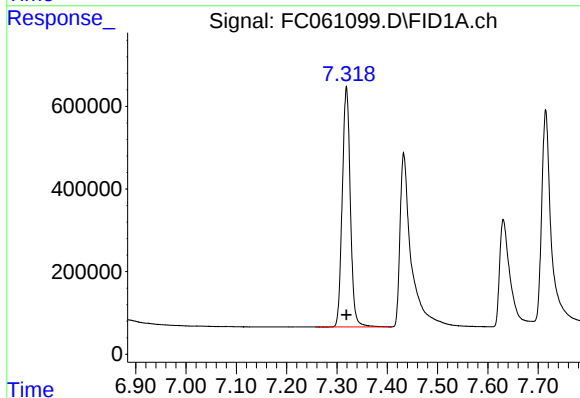
ClientSampleId :

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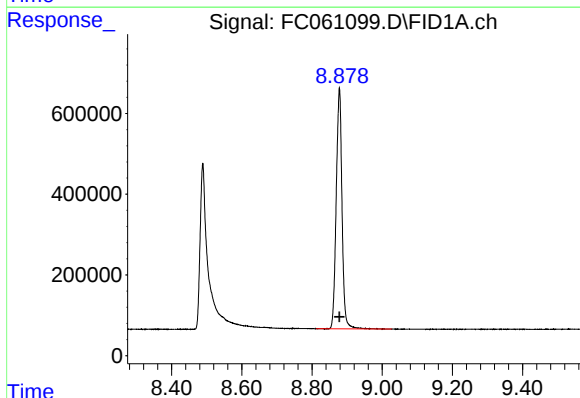
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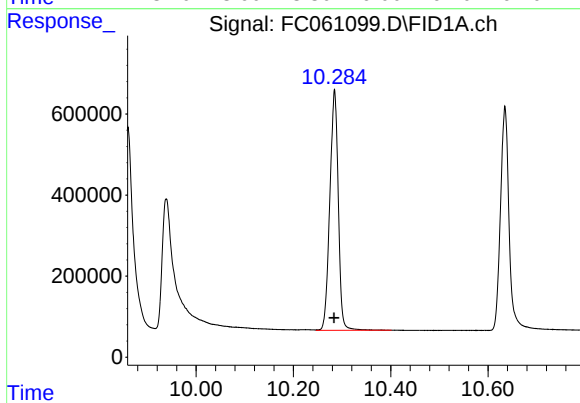
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 6477007
Conc: 43.14 ug/ml



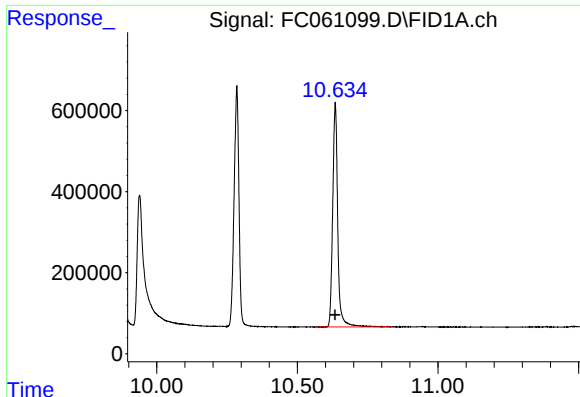
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 6828240
Conc: 44.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 7129523
Conc: 45.66 ug/ml



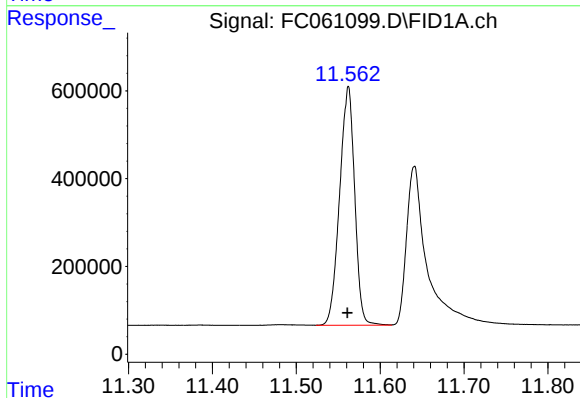
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 6878000
Conc: 41.91 ug/ml

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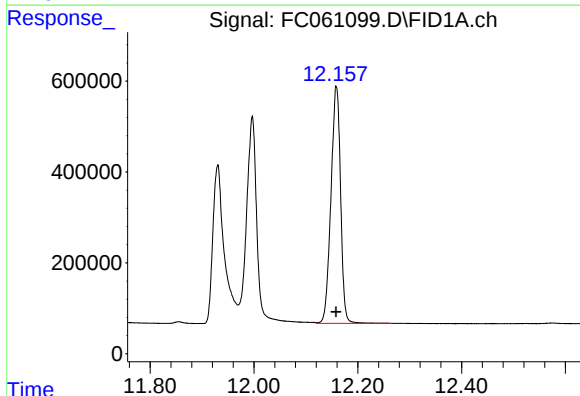
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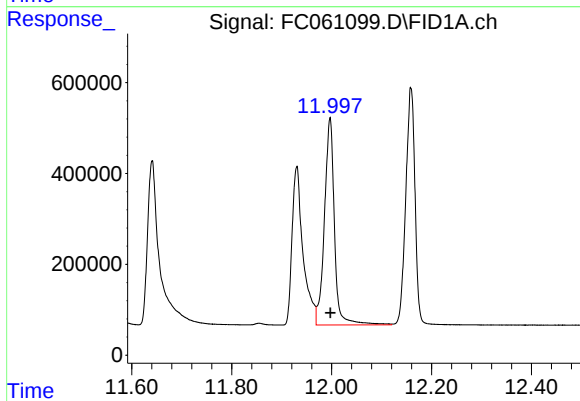
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 6808414
Conc: 43.38 ug/ml



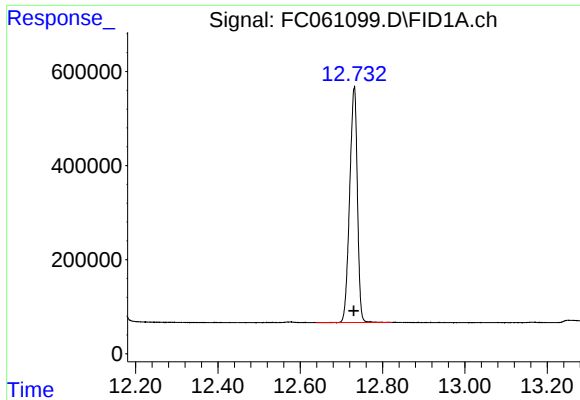
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: 0.000 min
Response: 6720381
Conc: 42.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 6368519
Conc: 47.97 ug/ml



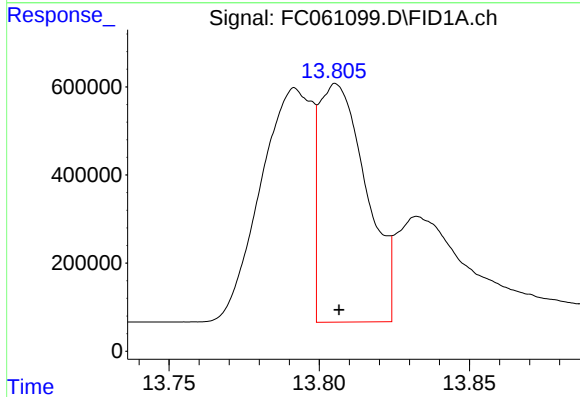
#13 n-Docosane (C22)

R.T.: 12.731 min
Delta R.T.: 0.000 min
Response: 6513535
Conc: 41.78 ug/ml

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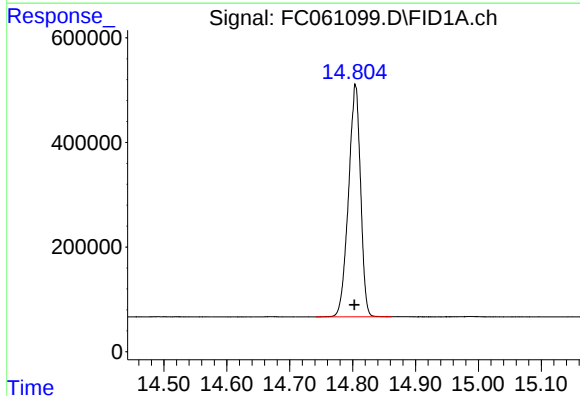
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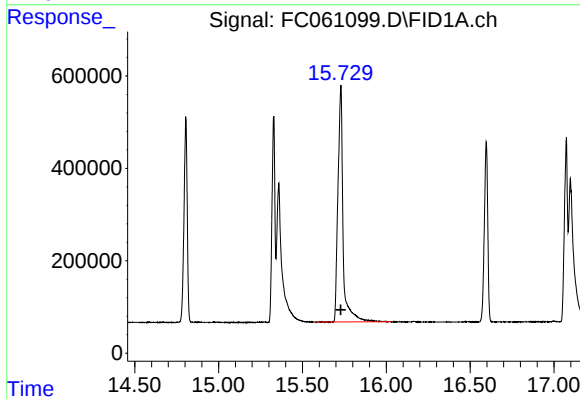
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.002 min
Response: 5860605
Conc: 38.39 ug/ml m



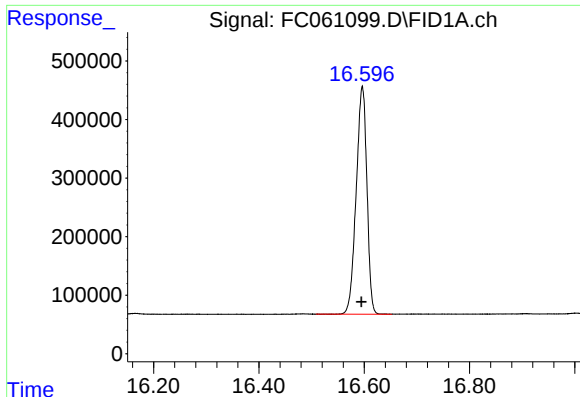
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.001 min
Response: 5904146
Conc: 39.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 10958710
Conc: 76.48 ug/ml



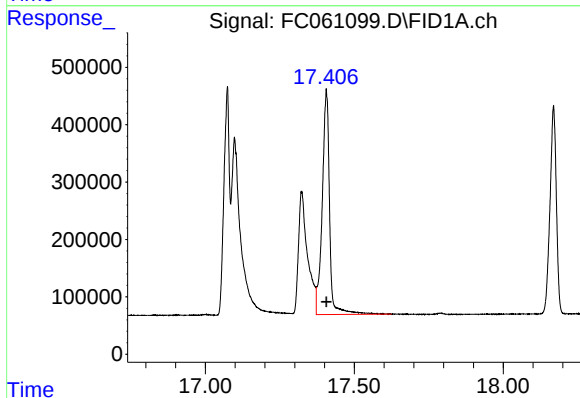
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 5494979
Conc: 39.25 ug/ml

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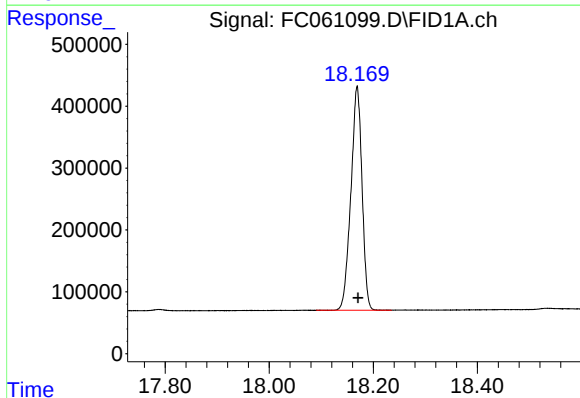
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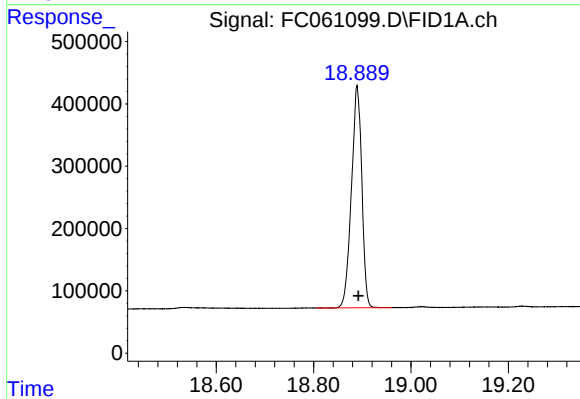
#18 n-Dotriacontane (C32)

R.T.: 17.406 min
Delta R.T.: 0.000 min
Response: 6704020
Conc: 49.67 ug/ml



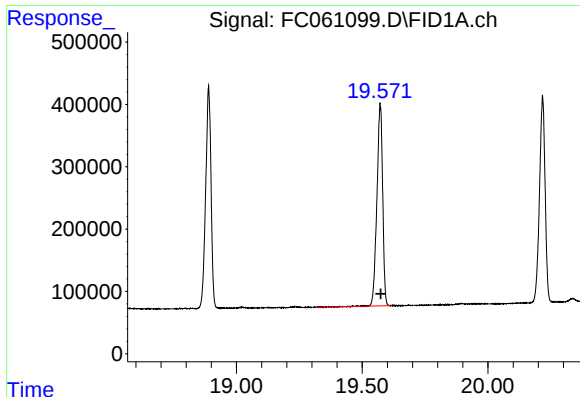
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min
Delta R.T.: -0.002 min
Response: 5375500
Conc: 42.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.890 min
Delta R.T.: -0.002 min
Response: 5262539
Conc: 43.05 ug/ml



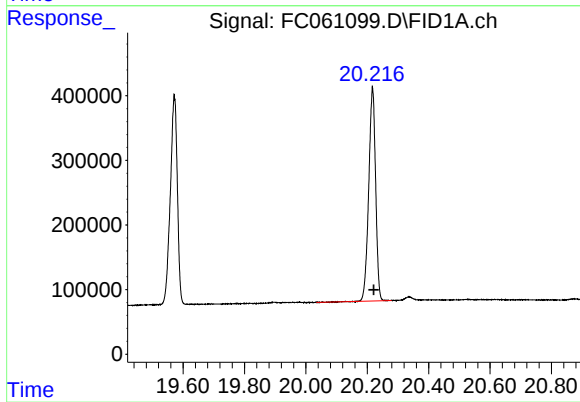
#21 n-Octatriacontane (C38)

R.T.: 19.572 min
Delta R.T.: -0.002 min
Response: 5160905
Conc: 43.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 5141391
Conc: 44.67 ug/ml