

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081522AL\
 Data File : FC061116.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2022 11:58
 Operator : YP/AJ
 Sample : PB146989BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146989BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File: autoint1.e
 Quant Time: Aug 16 06:50:16 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	8136567	49.580 ug/ml
Spiked Amount 50.000		Recovery =	99.16%
12) S 1-chlorooctadecane (S...	11.997	7391175	55.675 ug/ml
Spiked Amount 50.000		Recovery =	111.35%
Target Compounds			
1) T n-Nonane (C9)	2.648	6340334	45.018 ug/ml
2) T n-Decane (C10)	3.633	6374146	45.185 ug/ml
3) T A~Naphthalene (C11.7)	5.164	8557808	60.204 ug/ml
4) T n-Dodecane (C12)	5.571	8025496	54.148 ug/ml
5) T A~2-methylnaphthalene...	6.185	8824035	64.338 ug/ml
6) T n-Tetradecane (C14)	7.320	8281126	55.158 ug/ml
7) T n-Hexadecane (C16)	8.879	8417319	55.002 ug/ml
8) T n-Octadecane (C18)	10.285	8618652	55.193 ug/ml
10) T n-Eicosane (C20)	11.563	8163114	52.017 ug/ml
11) T n-Heneicosane (C21)	12.160	8072804	51.594 ug/ml
13) T n-Docosane (C22)	12.730	7848148	50.335 ug/ml
14) T n-Tetracosane (C24)	13.831	6327070	41.443 ug/mlm
15) T n-Hexacosane (C26)	14.804	7197329	48.216 ug/ml
16) T n-Octacosane (C28)	15.728	13385685	93.415 ug/ml
17) T n-Tricontane (C30)	16.596	6654125	47.529 ug/ml
18) T n-Dotriacontane (C32)	17.404	8017358	59.405 ug/ml
19) T n-Tetratriacontane (C34)	18.167	6451467	51.440 ug/ml
20) T n-Hexatriacontane (C36)	18.888	6317914	51.687 ug/ml
21) T n-Octatriacontane (C38)	19.570	6111488	51.781 ug/ml
22) T n-Tetracontane (C40)	20.216	6125776	53.223 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB146989BS
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ALS Vial : 4 Sample Multiplier: 1

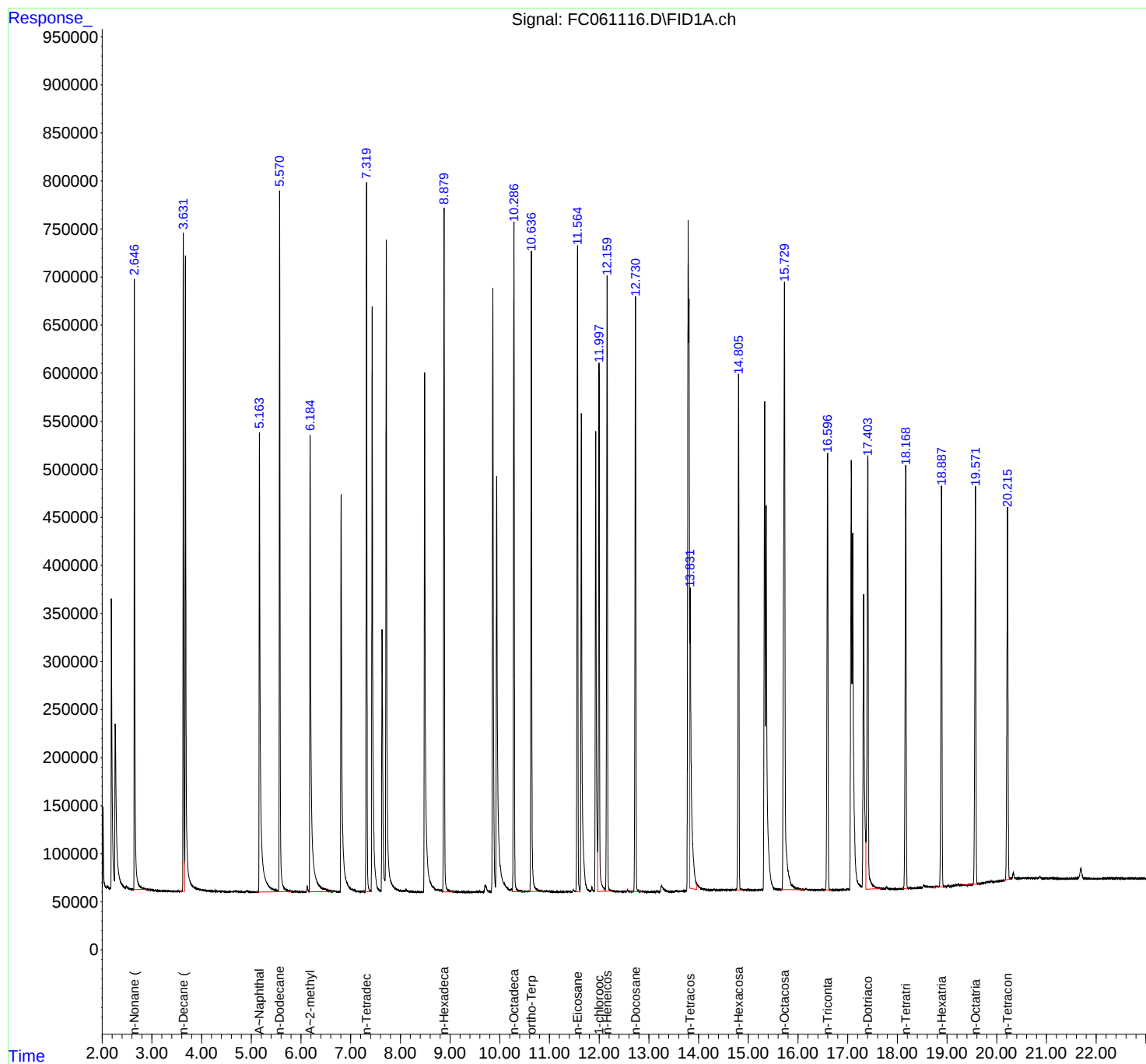
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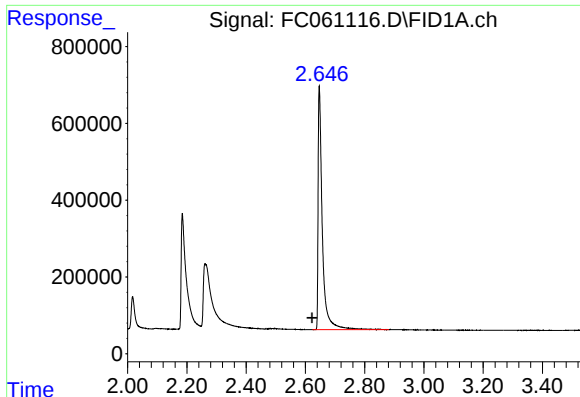
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#1 n-Nonane (C9)

R.T.: 2.648 min
Delta R.T.: 0.026 min
Response: 6340334
Conc: 45.02 ug/ml

Instrument :

FID_C

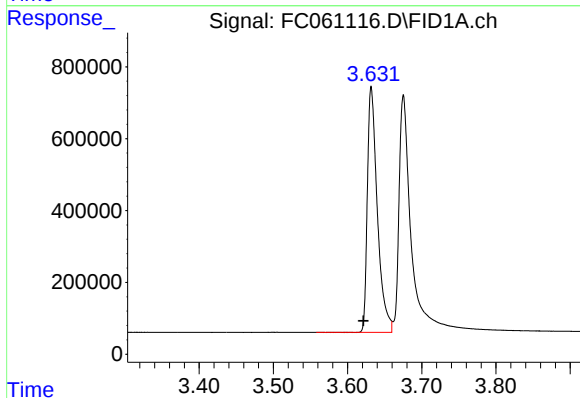
ClientSampleId :

PB146989BS

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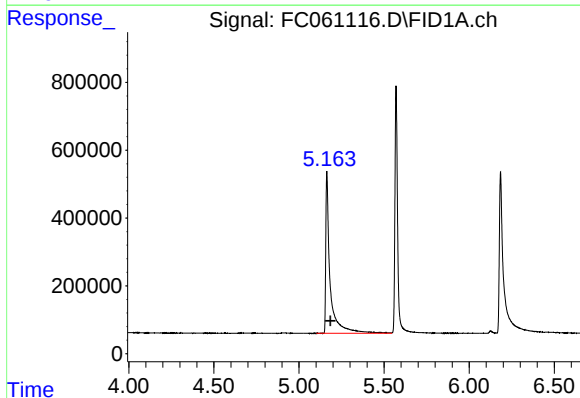
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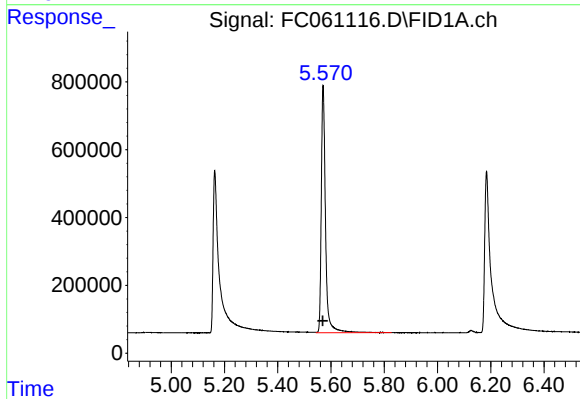
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: 0.011 min
Response: 6374146
Conc: 45.19 ug/ml



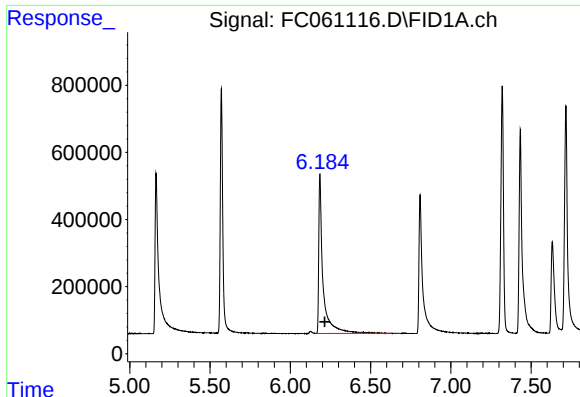
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 8557808
Conc: 60.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 8025496
Conc: 54.15 ug/ml



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

R.T.: 6.185 min
Delta R.T.: -0.030 min
Response: 8824035
Conc: 64.34 ug/ml

Instrument :

FID_C

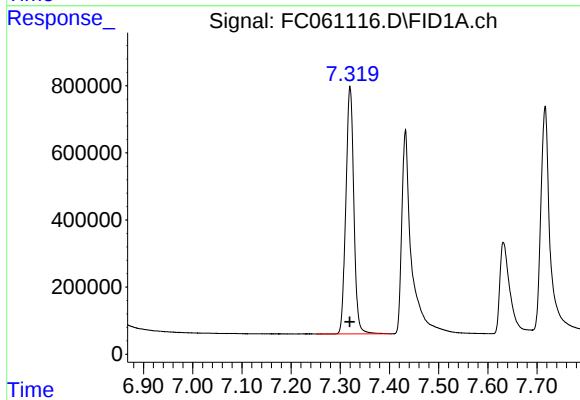
ClientSampleId :

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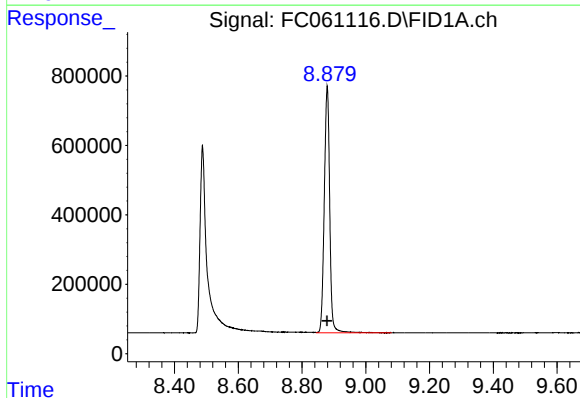
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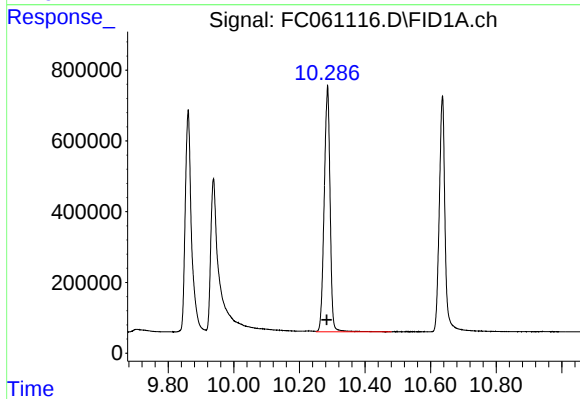
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 8281126
Conc: 55.16 ug/ml



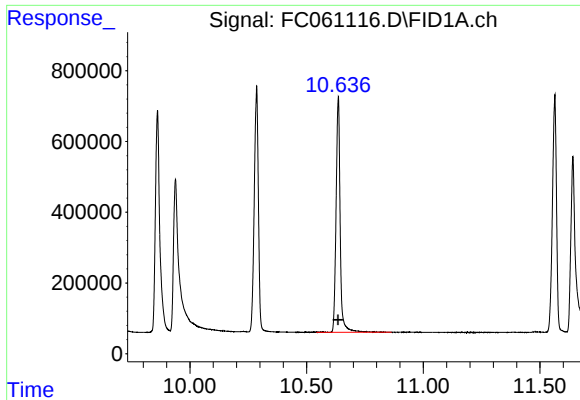
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 8417319
Conc: 55.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.002 min
Response: 8618652
Conc: 55.19 ug/ml



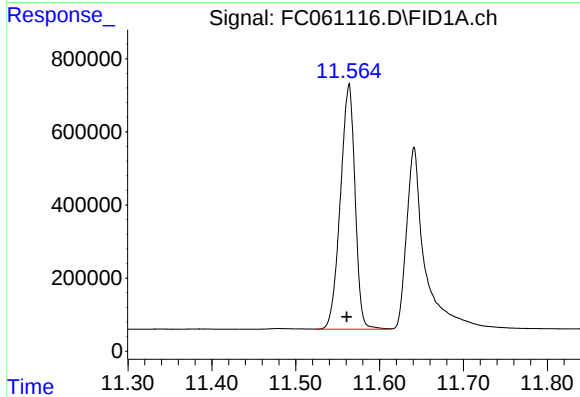
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 8136567
Conc: 49.58 ug/ml

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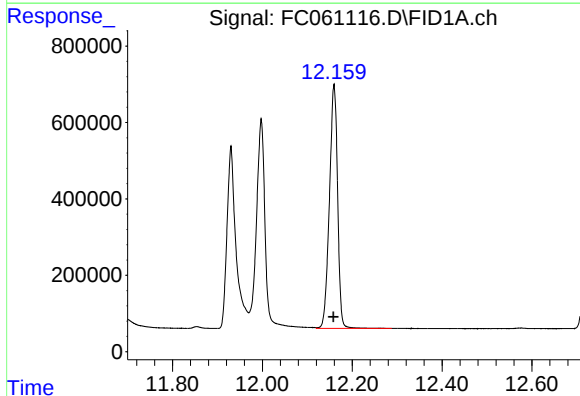
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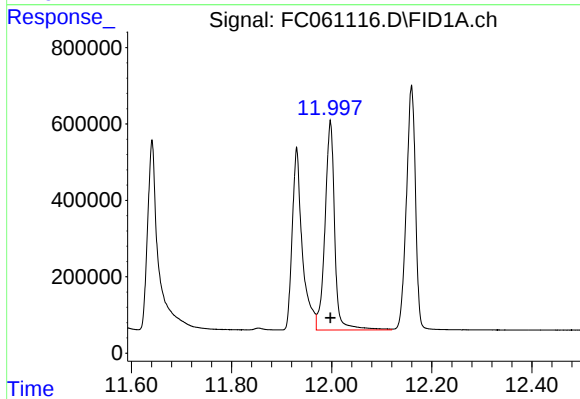
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 8163114
Conc: 52.02 ug/ml



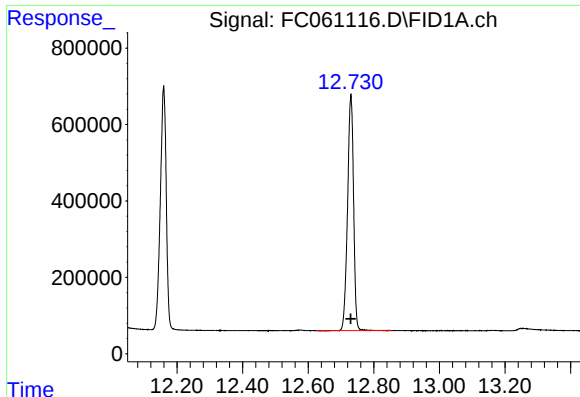
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 8072804
Conc: 51.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 7391175
Conc: 55.68 ug/ml



#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 7848148
Conc: 50.34 ug/ml

Instrument :

FID_C

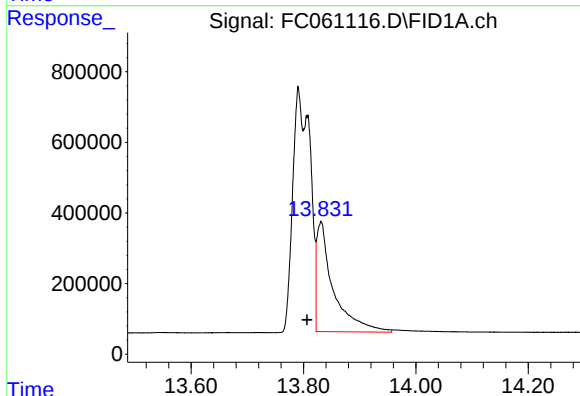
ClientSampleId :

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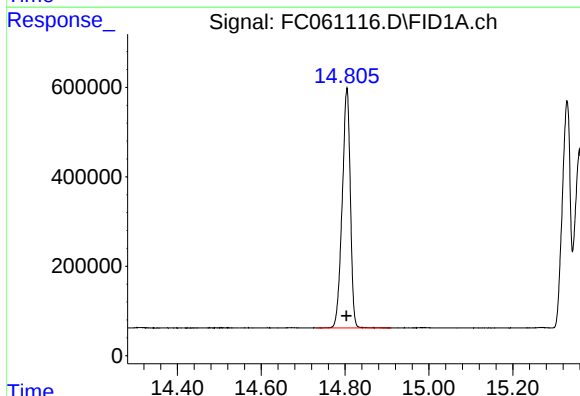
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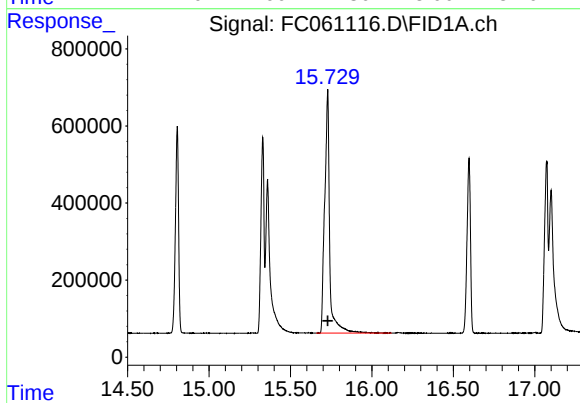
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: 0.024 min
Response: 6327070
Conc: 41.44 ug/ml m



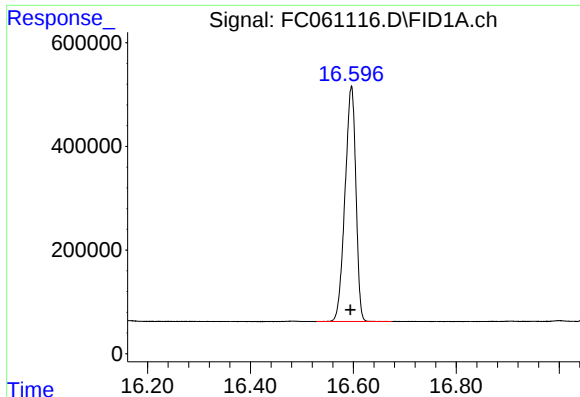
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.001 min
Response: 7197329
Conc: 48.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: 0.000 min
Response: 13385685
Conc: 93.41 ug/ml



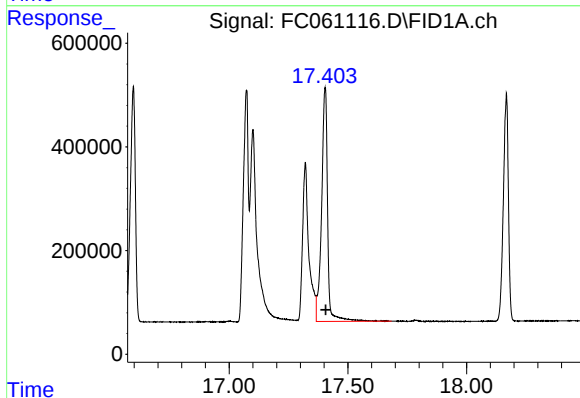
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 6654125
Conc: 47.53 ug/ml

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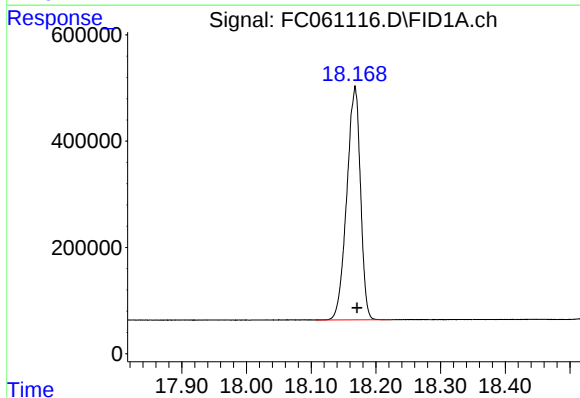
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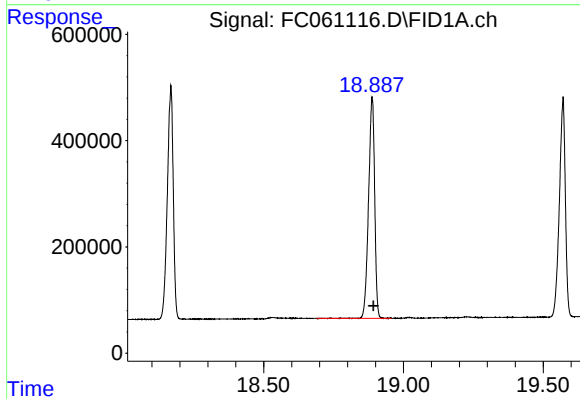
#18 n-Dotriacontane (C32)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 8017358
Conc: 59.40 ug/ml



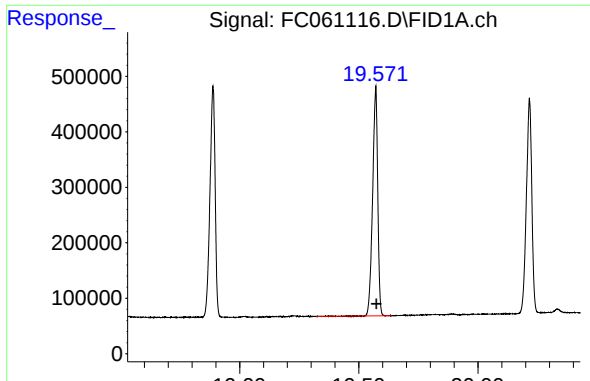
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 6451467
Conc: 51.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 6317914
Conc: 51.69 ug/ml



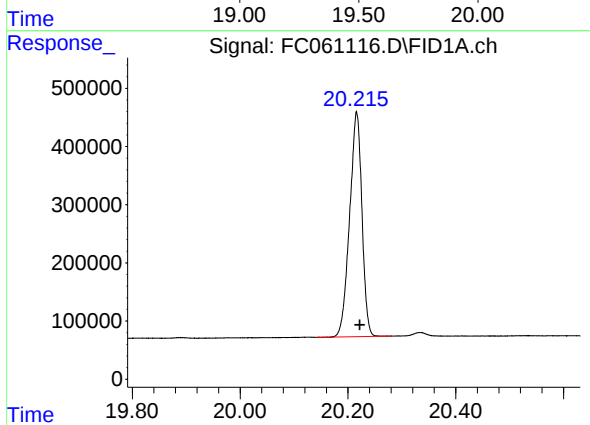
#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.003 min
Response: 6111488
Conc: 51.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 6125776
Conc: 53.22 ug/ml