

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081722AL\
 Data File : FC061170.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 18:09
 Operator : YP/AJ
 Sample : PB147078BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147078BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 18 00:25:45 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)	10.634	6752367	41.146 ug/ml
Spiked Amount 50.000		Recovery =	82.29%
12) S 1-chlorooctadecane (S...	11.996	6770723	51.002 ug/ml
Spiked Amount 50.000		Recovery =	102.00%
Target Compounds			
1) T n-Nonane (C9)	2.641	5563861	39.505 ug/ml
2) T n-Decane (C10)	3.629	5210062	36.933 ug/ml
3) T A~Naphthalene (C11.7)	5.168	6858854	48.252 ug/ml
4) T n-Dodecane (C12)	5.570	6358925	42.903 ug/ml
5) T A~2-methylnaphthalene...	6.191	6888972	50.229 ug/ml
6) T n-Tetradecane (C14)	7.318	6640971	44.234 ug/ml
7) T n-Hexadecane (C16)	8.877	7077732	46.249 ug/ml
8) T n-Octadecane (C18)	10.283	7595675	48.642 ug/ml
10) T n-Eicosane (C20)	11.561	7305524	46.552 ug/ml
11) T n-Heneicosane (C21)	12.158	7274690	46.493 ug/ml
13) T n-Docosane (C22)	12.729	7017995	45.011 ug/ml
14) T n-Tetracosane (C24)	13.801	7096713	46.484 ug/mlm
15) T n-Hexacosane (C26)	14.801	6408362	42.931 ug/ml
16) T n-Octacosane (C28)	15.724	11896308	83.021 ug/ml
17) T n-Tricontane (C30)	16.592	5992473	42.803 ug/ml
18) T n-Dotriacontane (C32)	17.400	7916664	58.659 ug/ml
19) T n-Tetratriacontane (C34)	18.164	5877158	46.860 ug/ml
20) T n-Hexatriacontane (C36)	18.882	5749802	47.039 ug/ml
21) T n-Octatriacontane (C38)	19.564	5640975	47.795 ug/ml
22) T n-Tetracontane (C40)	20.212	5615774	48.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147078BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

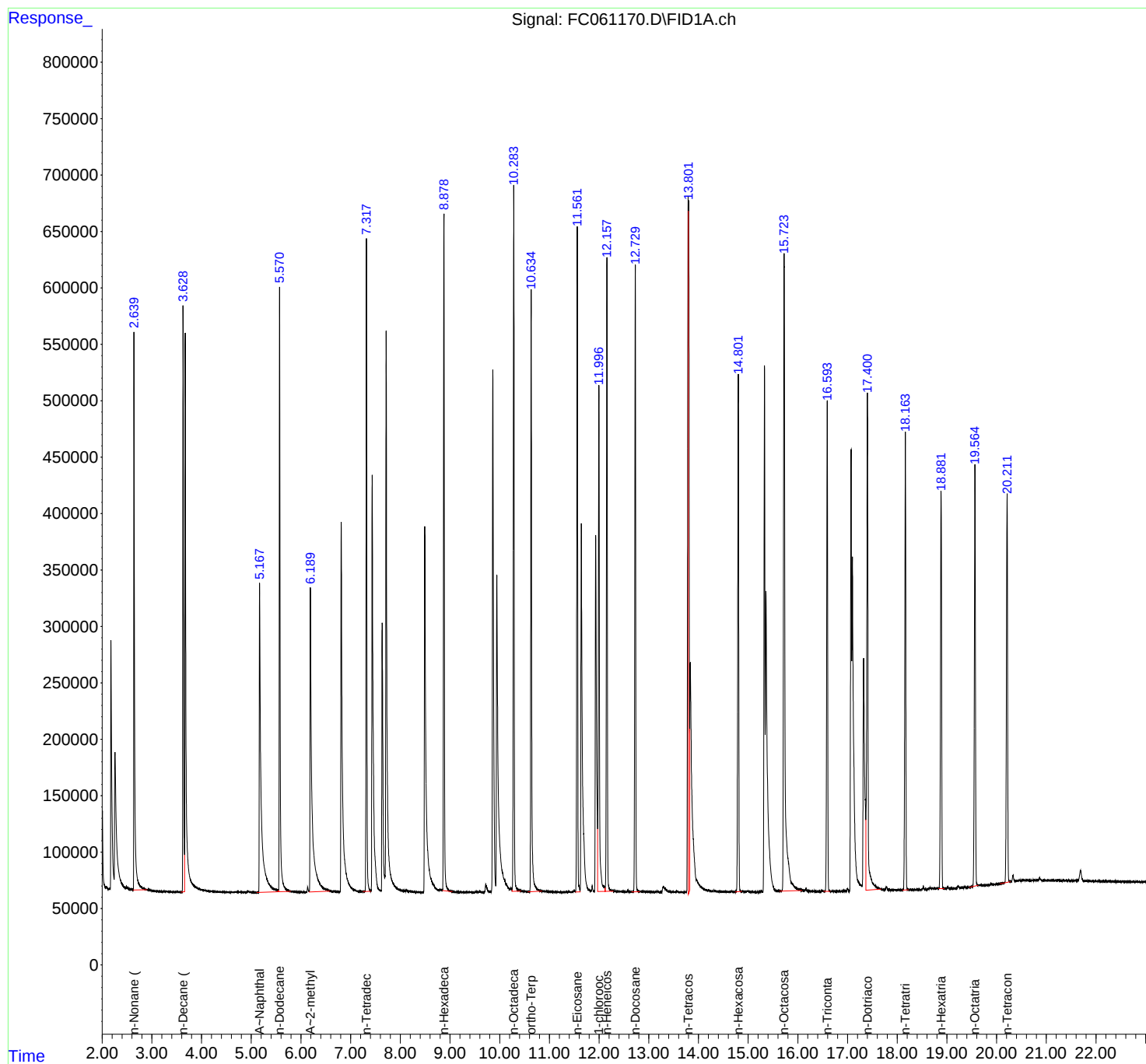
Instrument :
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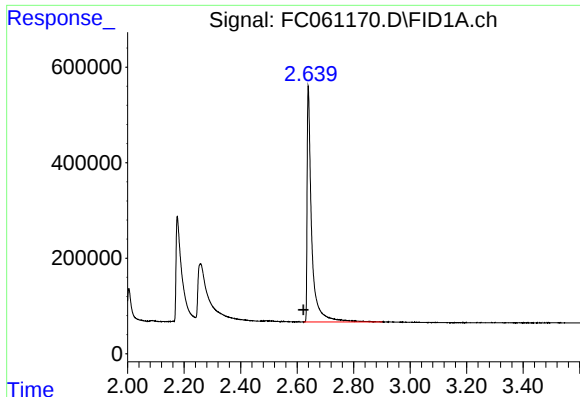
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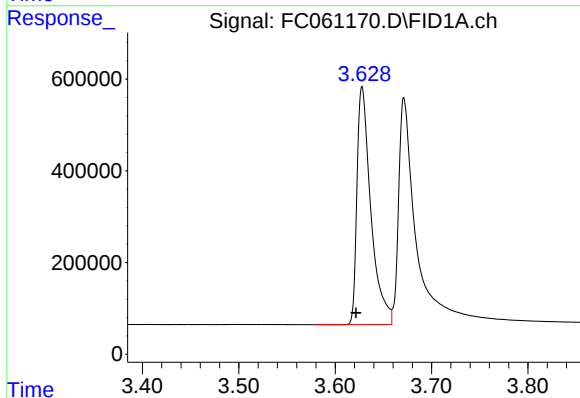
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: 0.019 min
Response: 5563861
Conc: 39.51 ug/ml

Instrument :
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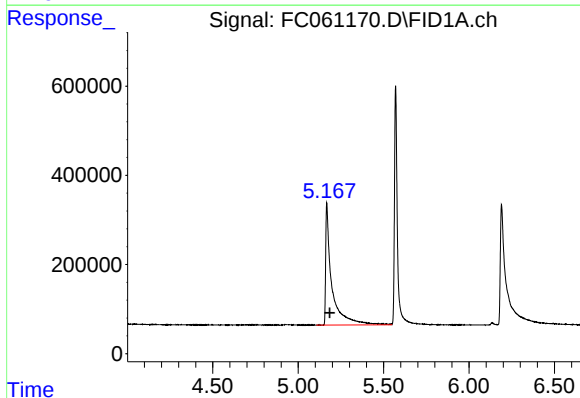
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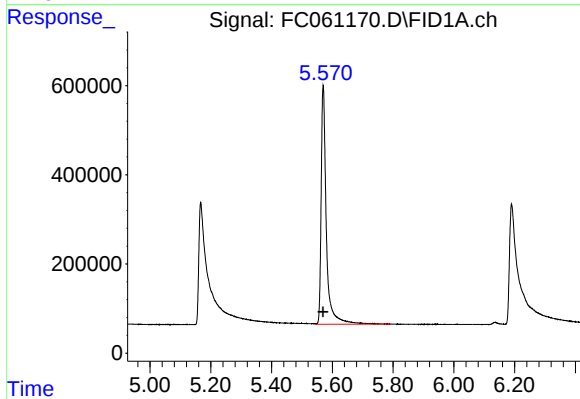
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.007 min
Response: 5210062
Conc: 36.93 ug/ml



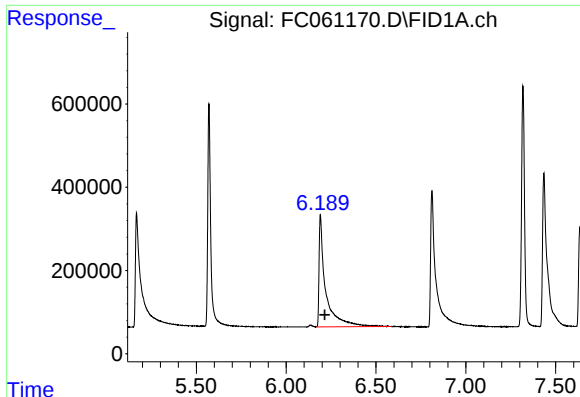
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.017 min
Response: 6858854
Conc: 48.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6358925
Conc: 42.90 ug/ml



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

R.T.: 6.191 min
Delta R.T.: -0.024 min
Response: 6888972
Conc: 50.23 ug/ml

Instrument :

FID_C

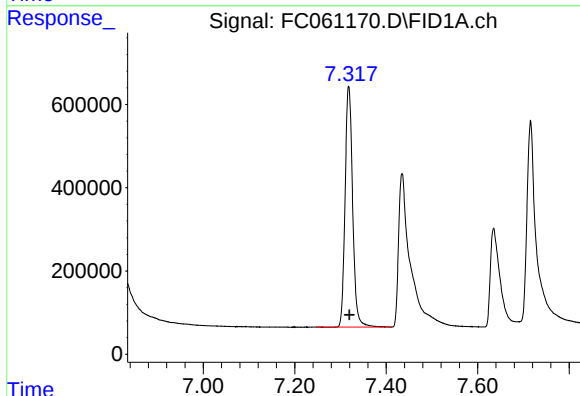
ClientSampleId :

PB147078BS

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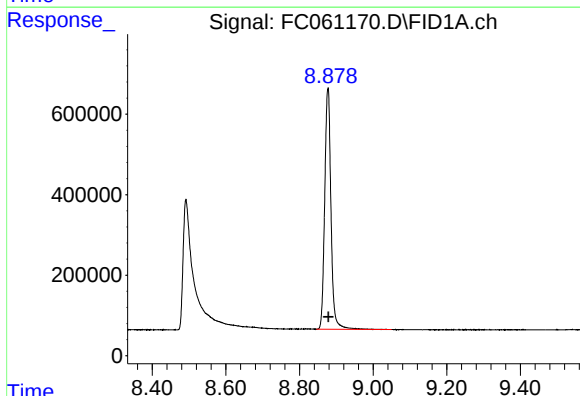
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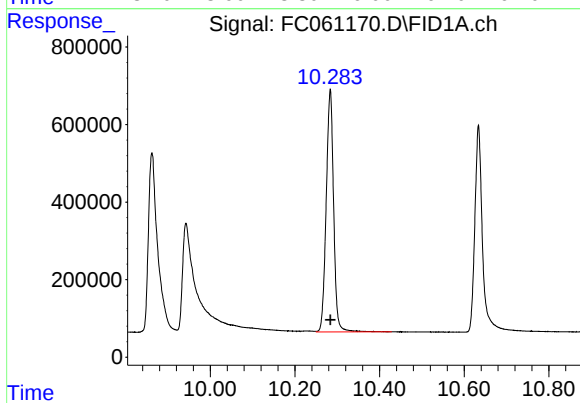
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 6640971
Conc: 44.23 ug/ml



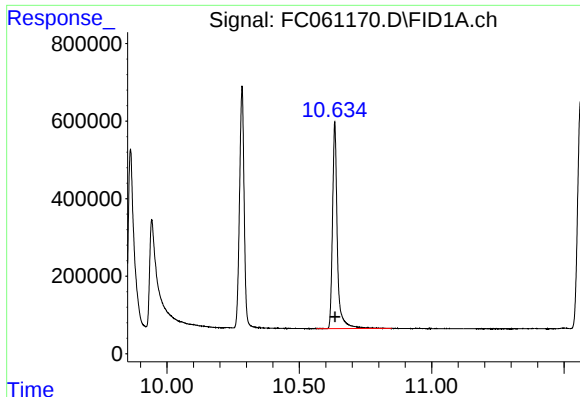
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 7077732
Conc: 46.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 7595675
Conc: 48.64 ug/ml



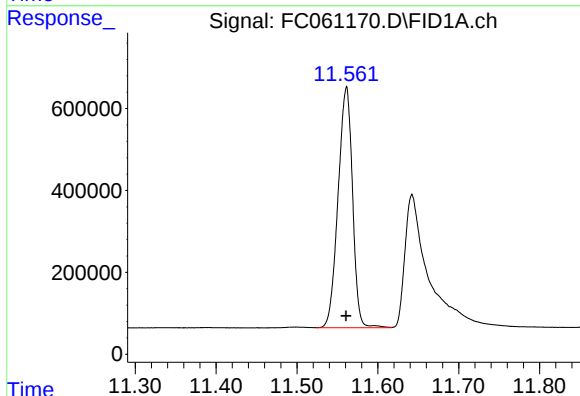
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 6752367
Conc: 41.15 ug/ml

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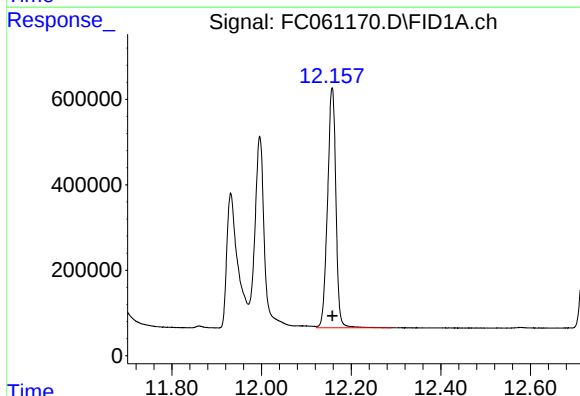
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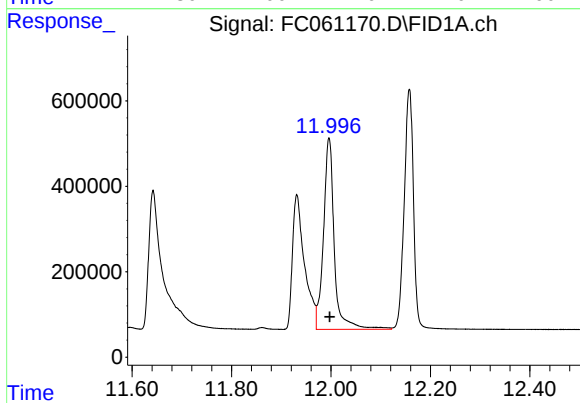
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 7305524
Conc: 46.55 ug/ml



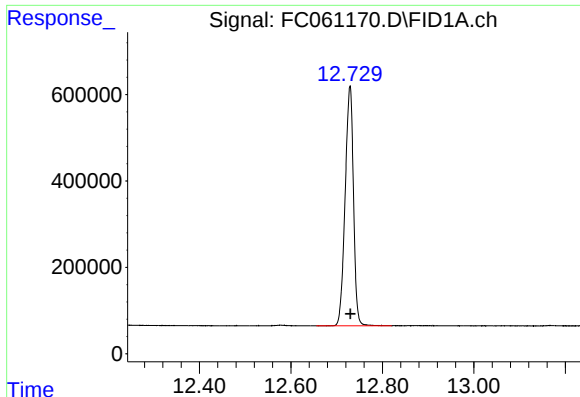
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 7274690
Conc: 46.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.001 min
Response: 6770723
Conc: 51.00 ug/ml



#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 7017995
Conc: 45.01 ug/ml

Instrument :

FID_C

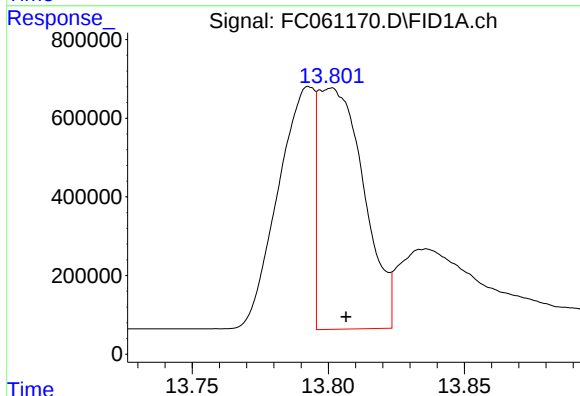
ClientSampleId :

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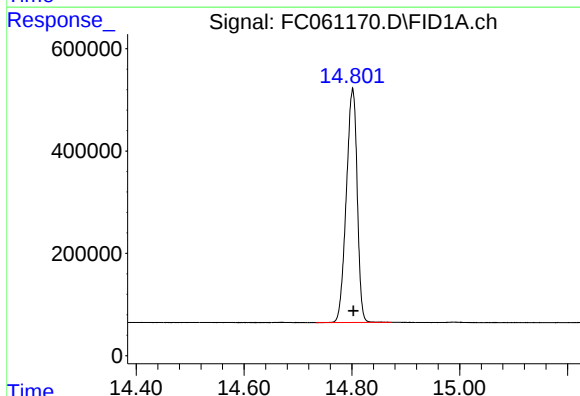
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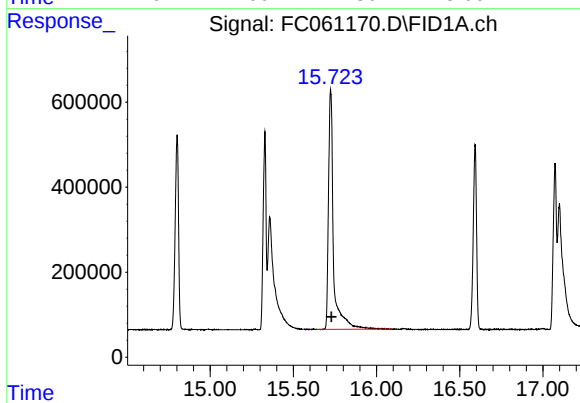
#14 n-Tetracosane (C24)

R.T.: 13.801 min
Delta R.T.: -0.005 min
Response: 7096713
Conc: 46.48 ug/ml m



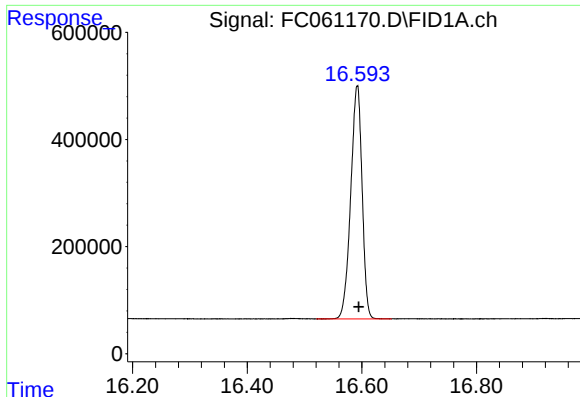
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 6408362
Conc: 42.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 11896308
Conc: 83.02 ug/ml



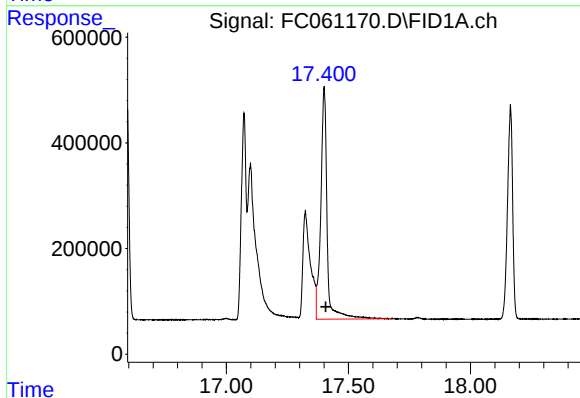
#17 n-Tricontane (C30)

R.T.: 16.592 min
Delta R.T.: -0.003 min
Response: 5992473
Conc: 42.80 ug/ml

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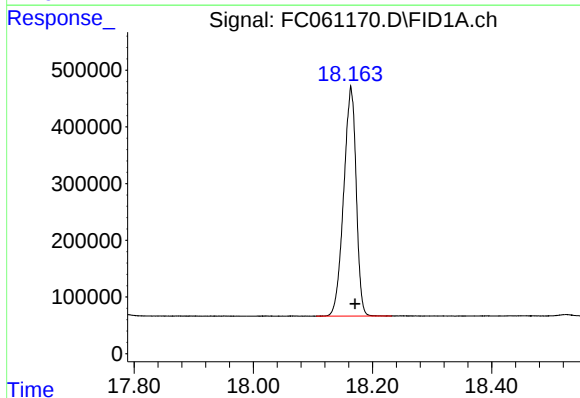
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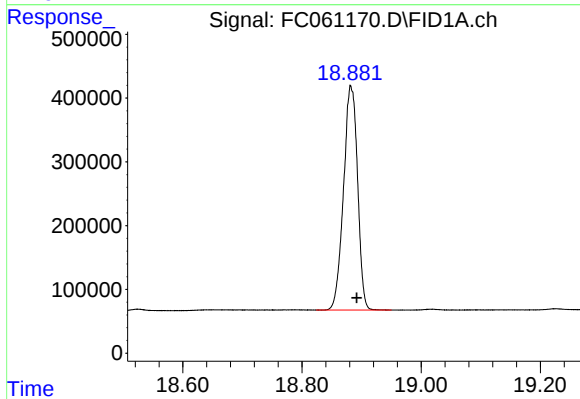
#18 n-Dotriacontane (C32)

R.T.: 17.400 min
Delta R.T.: -0.007 min
Response: 7916664
Conc: 58.66 ug/ml



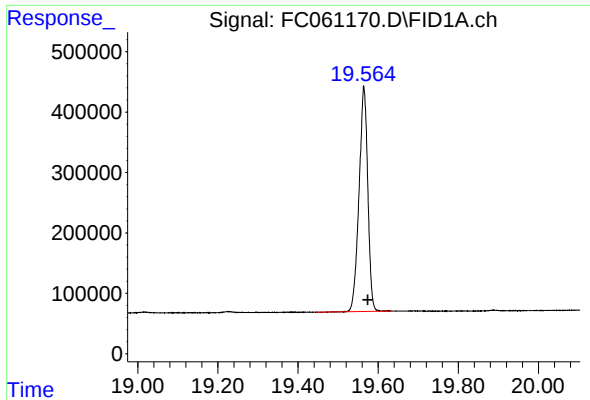
#19 n-Tetratriacontane (C34)

R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 5877158
Conc: 46.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.882 min
Delta R.T.: -0.010 min
Response: 5749802
Conc: 47.04 ug/ml



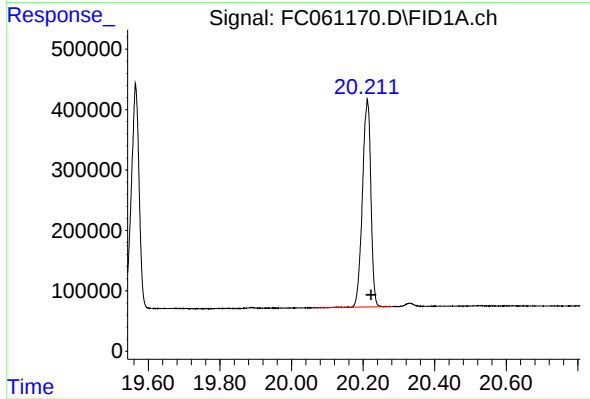
#21 n-Octatriacontane (C38)

R.T.: 19.564 min
Delta R.T.: -0.009 min
Response: 5640975
Conc: 47.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.212 min
Delta R.T.: -0.010 min
Response: 5615774
Conc: 48.79 ug/ml