

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081822AL\
 Data File : FC061193.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2022 11:47
 Operator : YP/AJ
 Sample : PB147085BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147085BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File: autoint1.e
 Quant Time: Aug 18 13:01:06 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	6980536	42.536 ug/ml
Spiked Amount 50.000		Recovery =	85.07%
12) S 1-chlorooctadecane (S...	11.995	7105434	53.523 ug/ml
Spiked Amount 50.000		Recovery =	107.05%
Target Compounds			
1) T n-Nonane (C9)	2.645	5516104	39.166 ug/ml
2) T n-Decane (C10)	3.630	5213215	36.956 ug/ml
3) T A~Naphthalene (C11.7)	5.169	6929393	48.748 ug/ml
4) T n-Dodecane (C12)	5.570	6568664	44.318 ug/ml
5) T A~2-methylnaphthalene...	6.193	7220153	52.644 ug/ml
6) T n-Tetradecane (C14)	7.318	6994918	46.591 ug/ml
7) T n-Hexadecane (C16)	8.877	7530045	49.204 ug/ml
8) T n-Octadecane (C18)	10.283	7860566	50.339 ug/ml
10) T n-Eicosane (C20)	11.559	7370239	46.965 ug/ml
11) T n-Heneicosane (C21)	12.156	7429204	47.480 ug/ml
13) T n-Docosane (C22)	12.727	7060595	45.284 ug/ml
14) T n-Tetracosane (C24)	13.801	12617252	82.645 ug/mlm
15) T n-Hexacosane (C26)	14.799	6455920	43.249 ug/ml
16) T n-Octacosane (C28)	15.723	11975103	83.571 ug/ml
17) T n-Tricontane (C30)	16.591	6017424	42.981 ug/ml
18) T n-Dotriacontane (C32)	17.399	8327505	61.703 ug/ml
19) T n-Tetratriacontane (C34)	18.163	5886018	46.931 ug/ml
20) T n-Hexatriacontane (C36)	18.883	5884307	48.139 ug/ml
21) T n-Octatriacontane (C38)	19.565	5787025	49.032 ug/ml
22) T n-Tetracontane (C40)	20.210	5651035	49.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147085BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

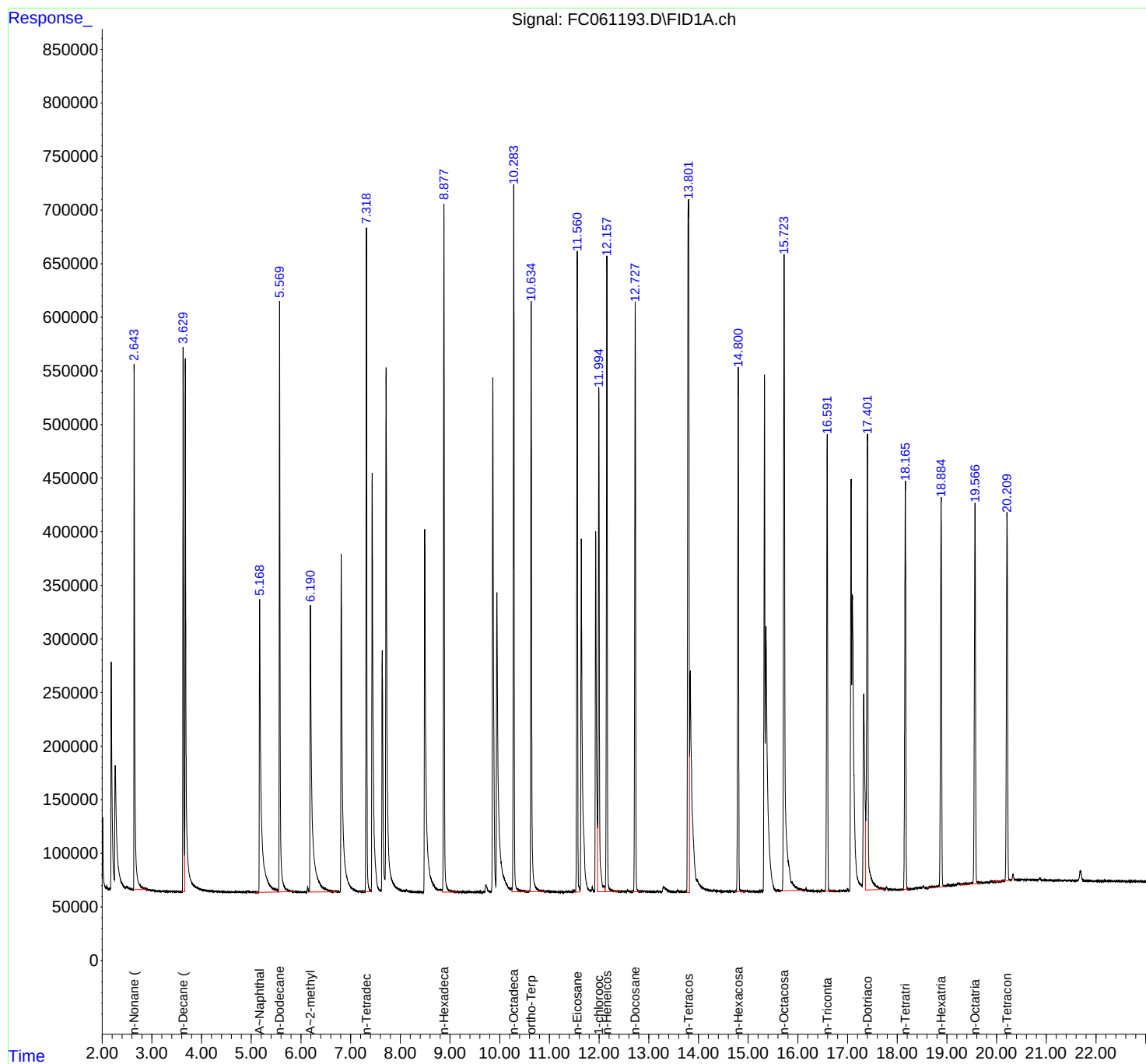
Instrument :
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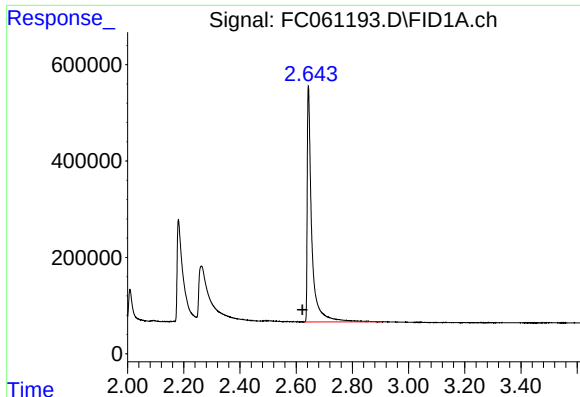
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#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: 0.023 min
Response: 5516104
Conc: 39.17 ug/ml

Instrument :

FID_C

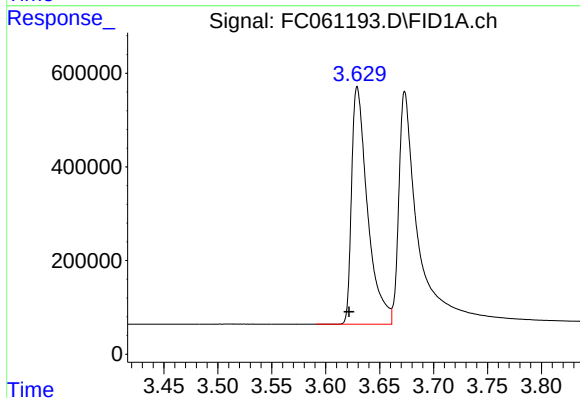
ClientSampleId :

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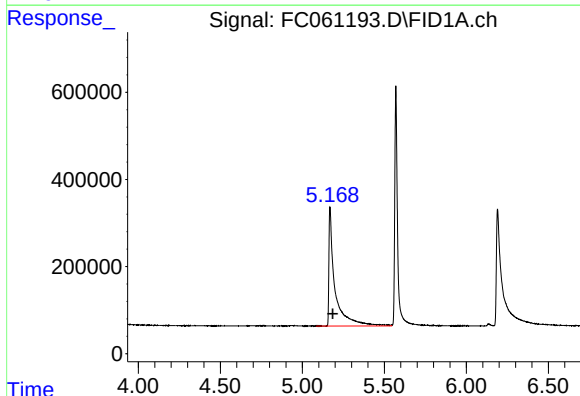
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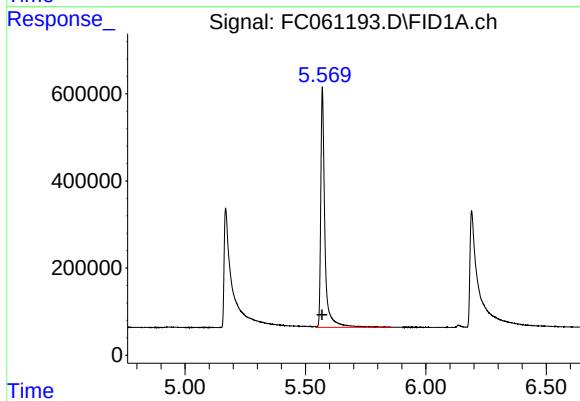
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.009 min
Response: 5213215
Conc: 36.96 ug/ml



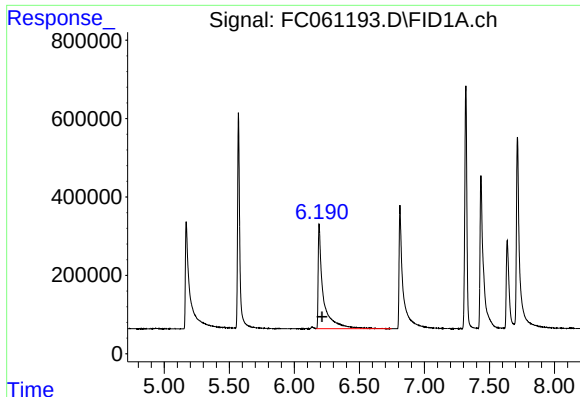
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.015 min
Response: 6929393
Conc: 48.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6568664
Conc: 44.32 ug/ml



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

R.T.: 6.193 min
Delta R.T.: -0.022 min
Response: 7220153
Conc: 52.64 ug/ml

Instrument :

FID_C

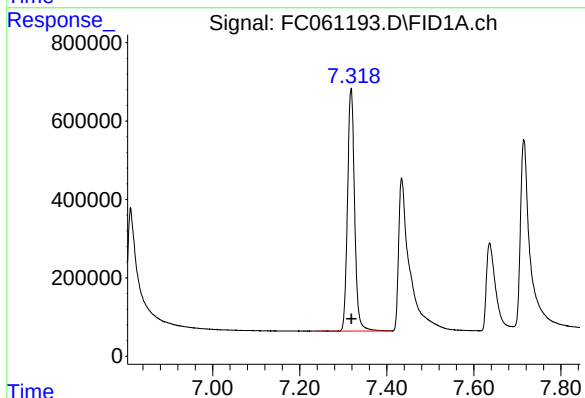
ClientSampleId :

PB147085BS

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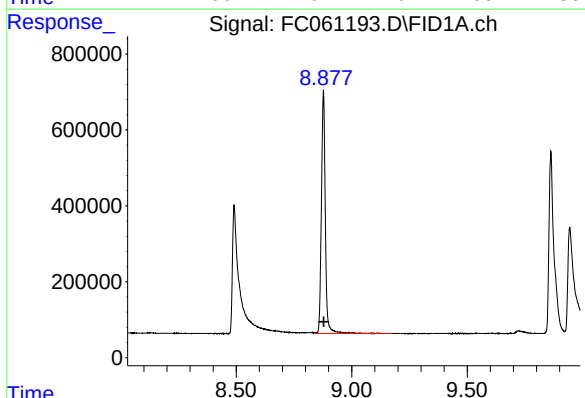
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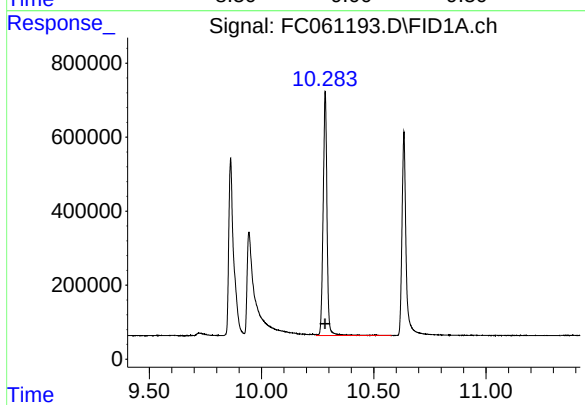
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 6994918
Conc: 46.59 ug/ml



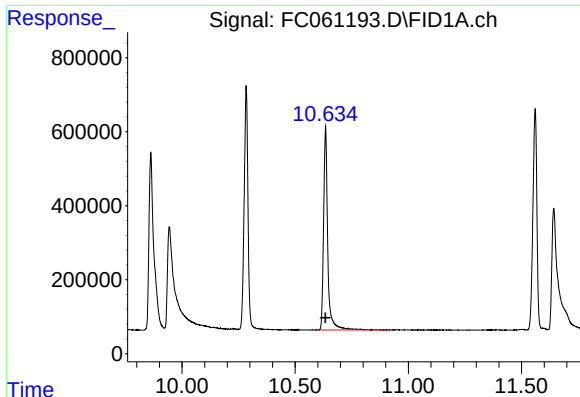
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 7530045
Conc: 49.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 7860566
Conc: 50.34 ug/ml



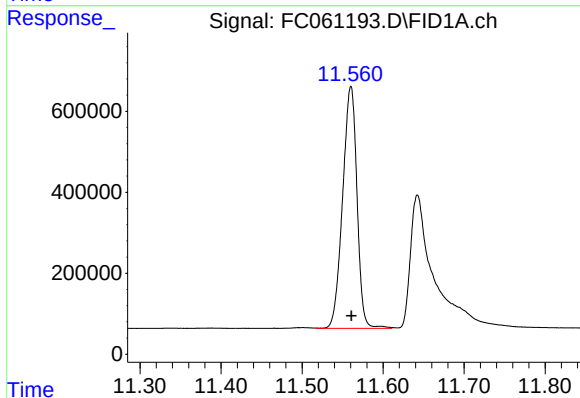
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 6980536
Conc: 42.54 ug/ml

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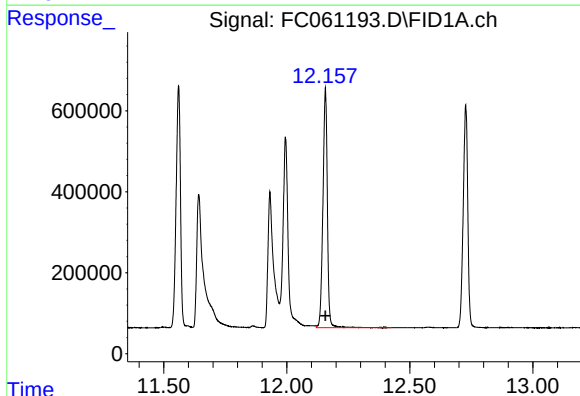
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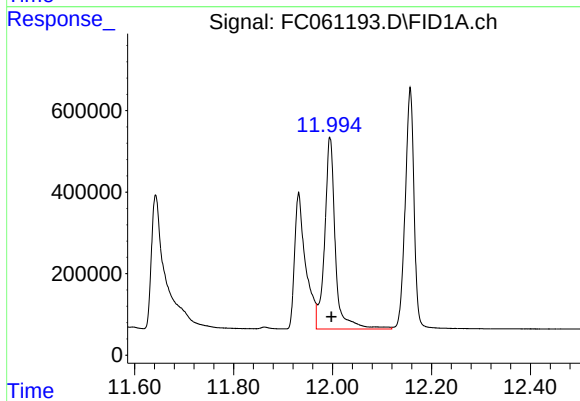
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.001 min
Response: 7370239
Conc: 46.96 ug/ml



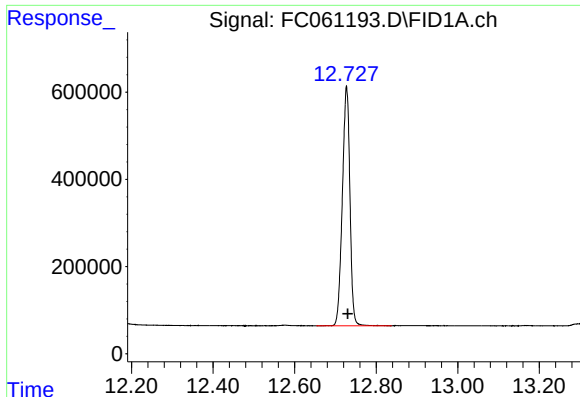
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 7429204
Conc: 47.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.003 min
Response: 7105434
Conc: 53.52 ug/ml



#13 n-Docosane (C22)

R.T.: 12.727 min
Delta R.T.: -0.003 min
Response: 7060595
Conc: 45.28 ug/ml

Instrument :

FID_C

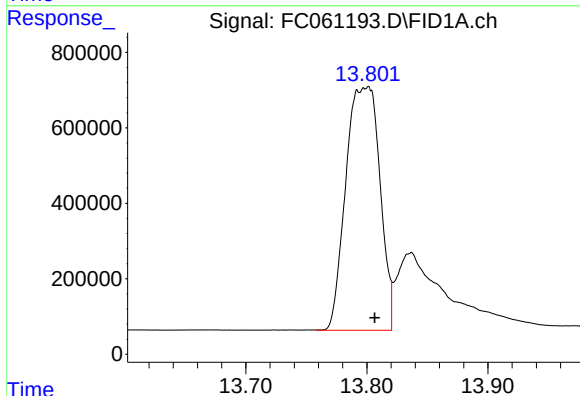
ClientSampleId :

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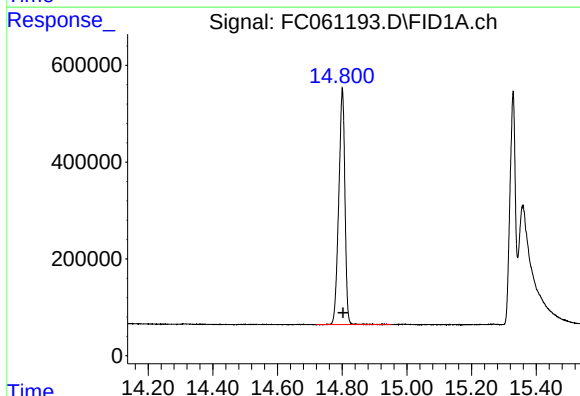
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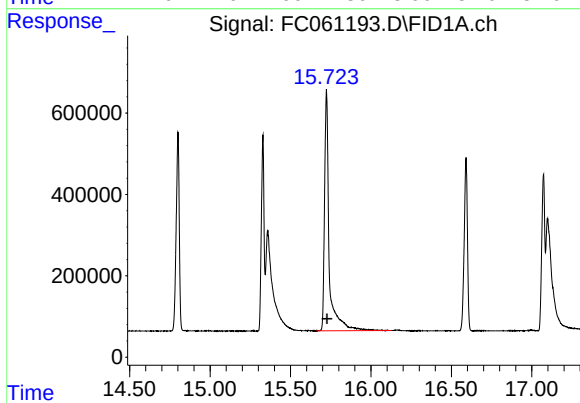
#14 n-Tetracosane (C24)

R.T.: 13.801 min
Delta R.T.: -0.005 min
Response: 12617252
Conc: 82.64 ug/ml m



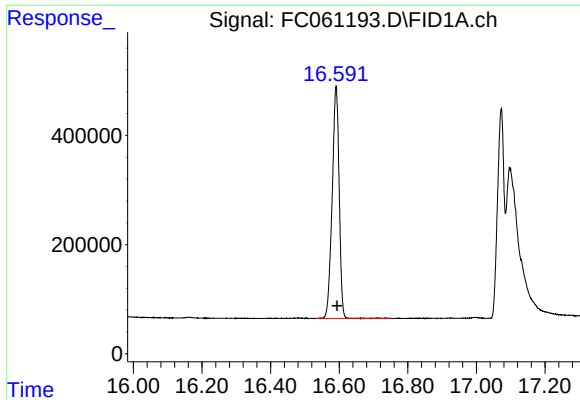
#15 n-Hexacosane (C26)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 6455920
Conc: 43.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.723 min
Delta R.T.: -0.005 min
Response: 11975103
Conc: 83.57 ug/ml



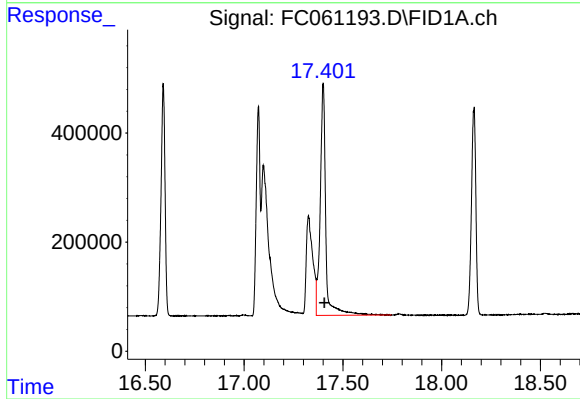
#17 n-Tricontane (C30)

R.T.: 16.591 min
Delta R.T.: -0.004 min
Response: 6017424
Conc: 42.98 ug/ml

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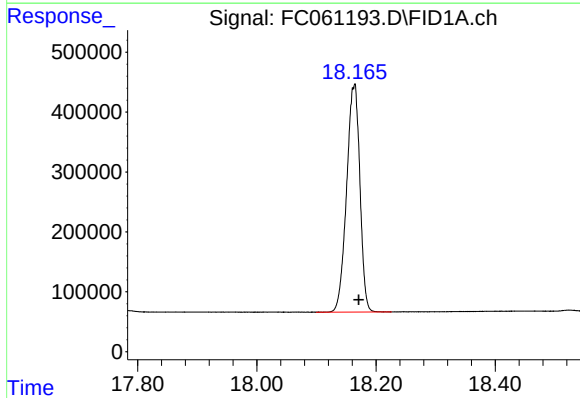
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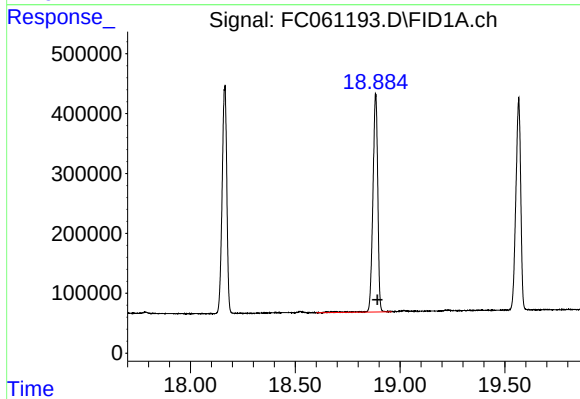
#18 n-Dotriacontane (C32)

R.T.: 17.399 min
Delta R.T.: -0.008 min
Response: 8327505
Conc: 61.70 ug/ml



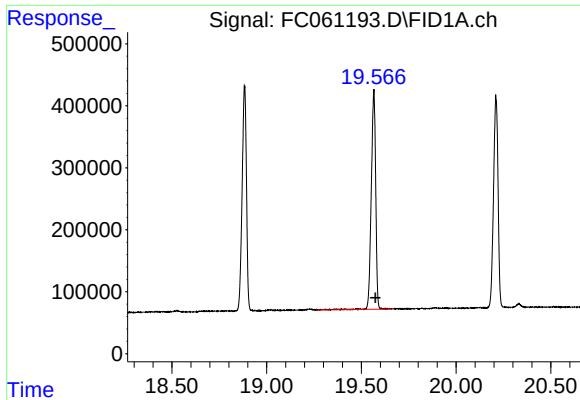
#19 n-Tetratriacontane (C34)

R.T.: 18.163 min
Delta R.T.: -0.008 min
Response: 5886018
Conc: 46.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 5884307
Conc: 48.14 ug/ml



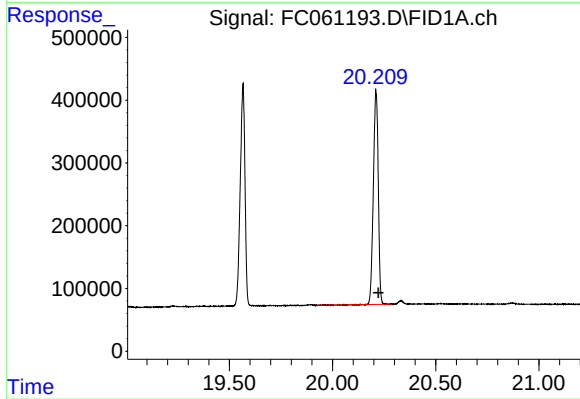
#21 n-Octatriacontane (C38)

R.T.: 19.565 min
Delta R.T.: -0.009 min
Response: 5787025
Conc: 49.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.210 min
Delta R.T.: -0.012 min
Response: 5651035
Conc: 49.10 ug/ml