

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061147.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 20:11
 Operator : YP/AJ
 Sample : PB147053BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147053BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:09:48 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	7679327	46.794 ug/ml
Spiked Amount 50.000		Recovery =	93.59%
12) S 1-chlorooctadecane (S...	11.996	7263006	54.710 ug/ml
Spiked Amount 50.000		Recovery =	109.42%
Target Compounds			
1) T n-Nonane (C9)	2.643	5657037	40.167 ug/ml
2) T n-Decane (C10)	3.630	5444452	38.595 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6950598	48.898 ug/ml
4) T n-Dodecane (C12)	5.570	6521143	43.998 ug/ml
5) T A~2-methylnaphthalene...	6.188	7212195	52.586 ug/ml
6) T n-Tetradecane (C14)	7.319	7129689	47.489 ug/ml
7) T n-Hexadecane (C16)	8.878	7586838	49.576 ug/ml
8) T n-Octadecane (C18)	10.285	7950850	50.917 ug/ml
10) T n-Eicosane (C20)	11.561	7615206	48.526 ug/ml
11) T n-Heneicosane (C21)	12.158	7539363	48.184 ug/ml
13) T n-Docosane (C22)	12.729	7298850	46.812 ug/ml
14) T n-Tetracosane (C24)	13.801	7742307	50.713 ug/mlm
15) T n-Hexacosane (C26)	14.803	6657586	44.600 ug/ml
16) T n-Octacosane (C28)	15.725	12299239	85.833 ug/ml
17) T n-Tricontane (C30)	16.595	6140087	43.857 ug/ml
18) T n-Dotriacontane (C32)	17.404	7769495	57.568 ug/ml
19) T n-Tetratriacontane (C34)	18.166	5976420	47.652 ug/ml
20) T n-Hexatriacontane (C36)	18.885	5861076	47.949 ug/ml
21) T n-Octatriacontane (C38)	19.566	5763065	48.829 ug/ml
22) T n-Tetracontane (C40)	20.214	5724312	49.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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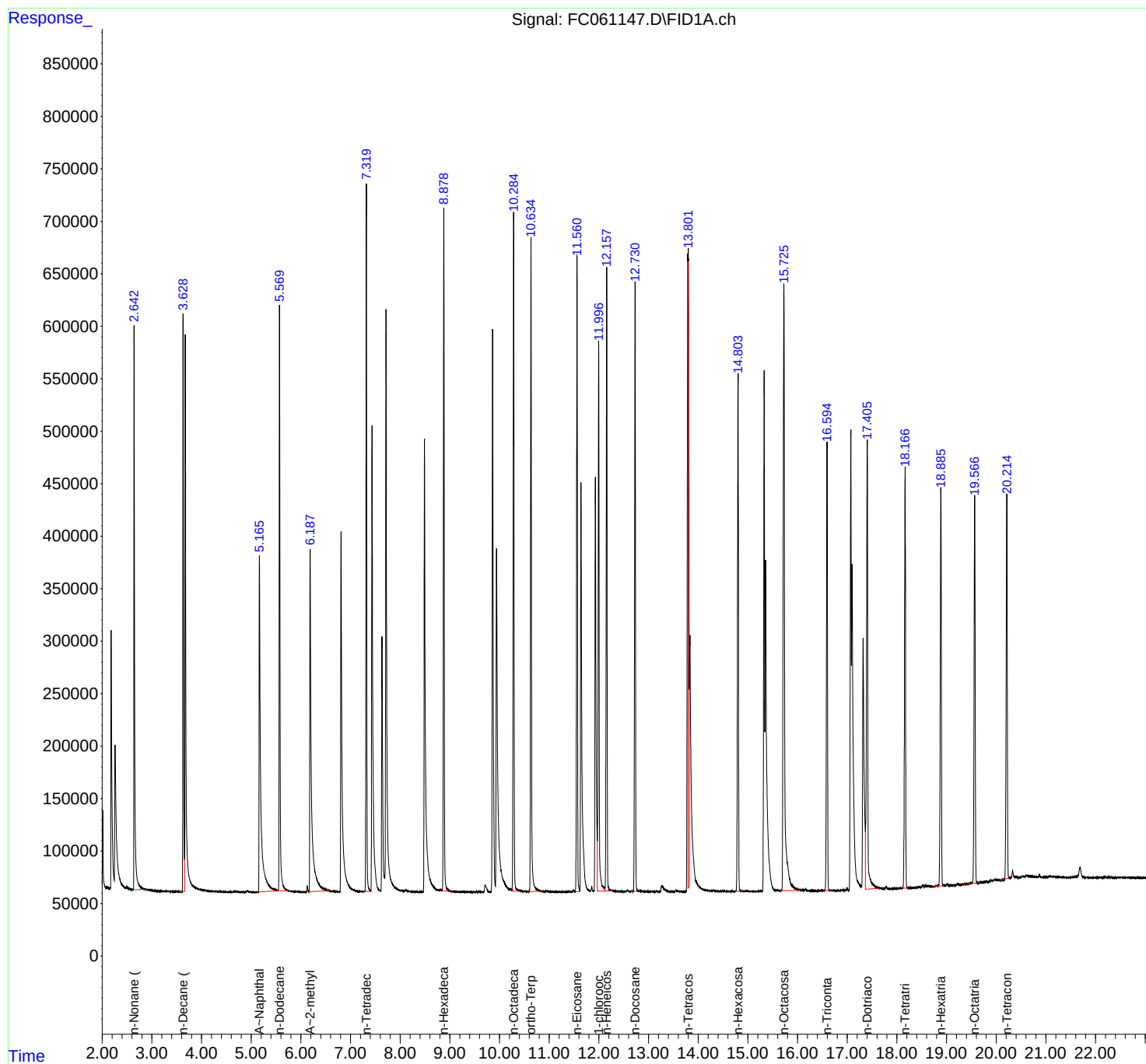
Instrument :
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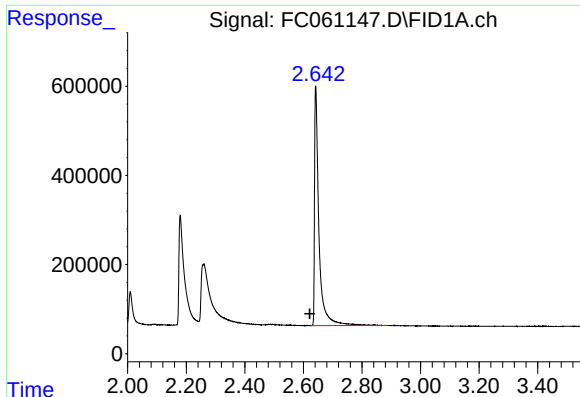
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#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.021 min
Response: 5657037
Conc: 40.17 ug/ml

Instrument :

FID_C

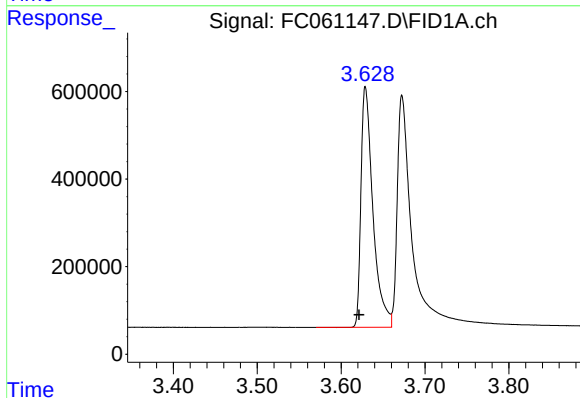
ClientSampleId :

PB147053BS

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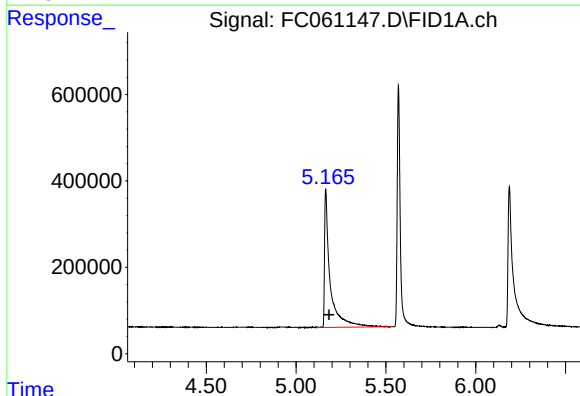
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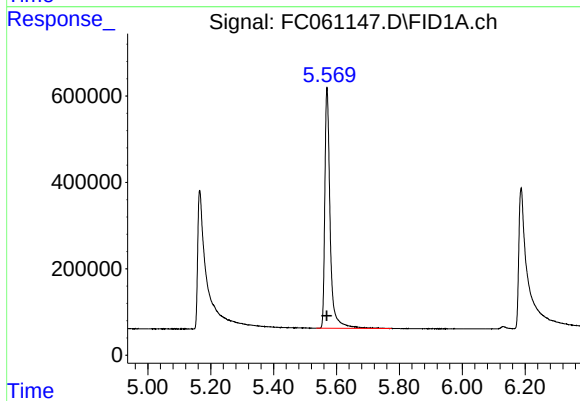
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.008 min
Response: 5444452
Conc: 38.59 ug/ml



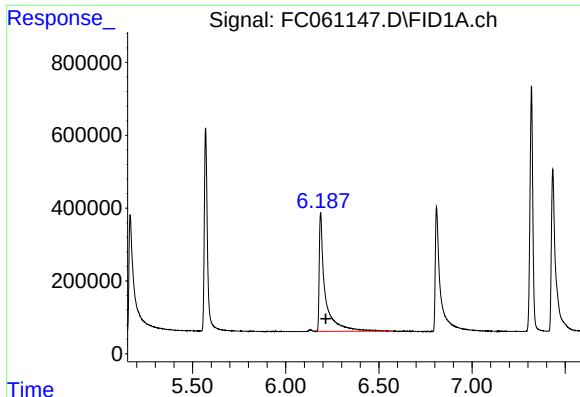
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.019 min
Response: 6950598
Conc: 48.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6521143
Conc: 44.00 ug/ml



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

R.T.: 6.188 min
Delta R.T.: -0.027 min
Response: 7212195
Conc: 52.59 ug/ml

Instrument :

FID_C

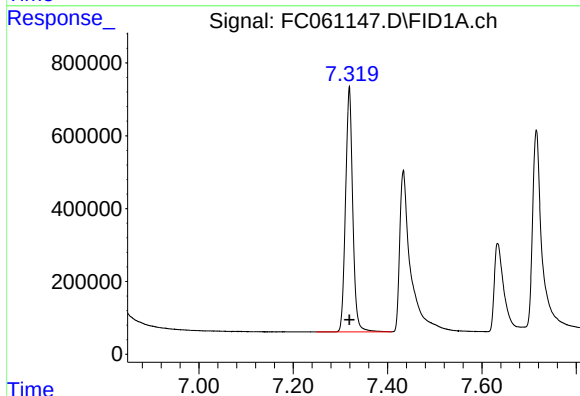
ClientSampleId :

PB147053BS

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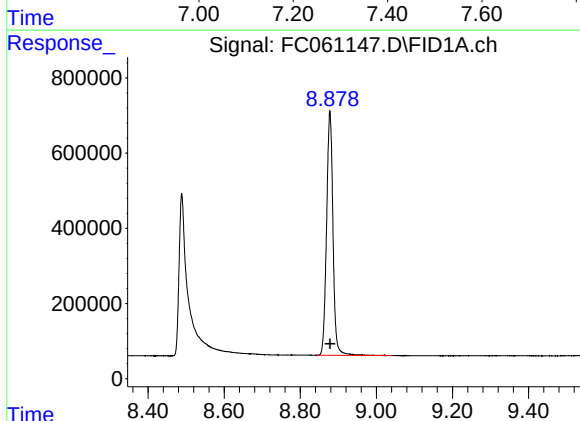
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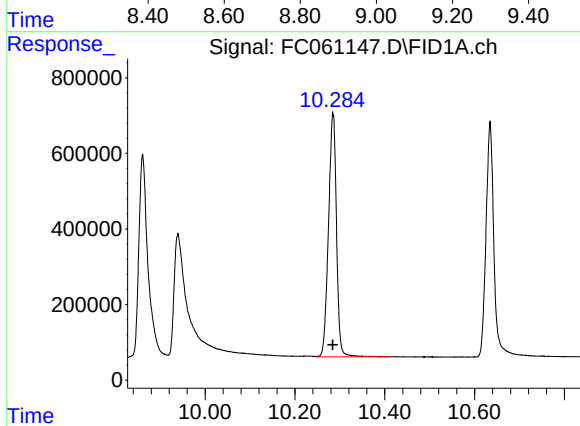
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 7129689
Conc: 47.49 ug/ml



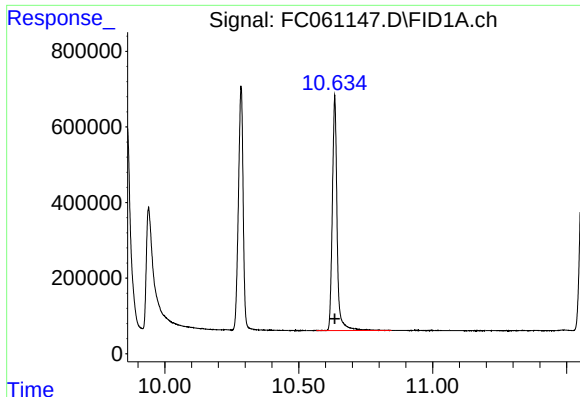
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 7586838
Conc: 49.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 7950850
Conc: 50.92 ug/ml



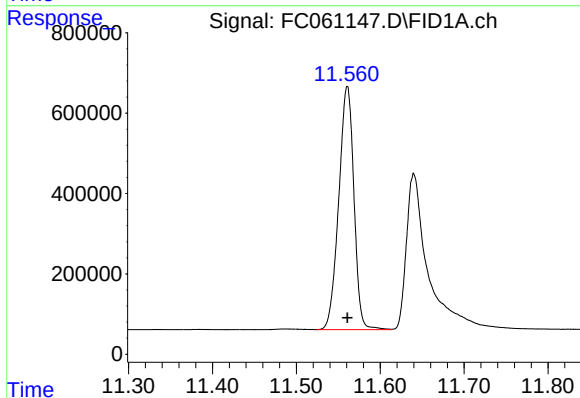
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 7679327
Conc: 46.79 ug/ml

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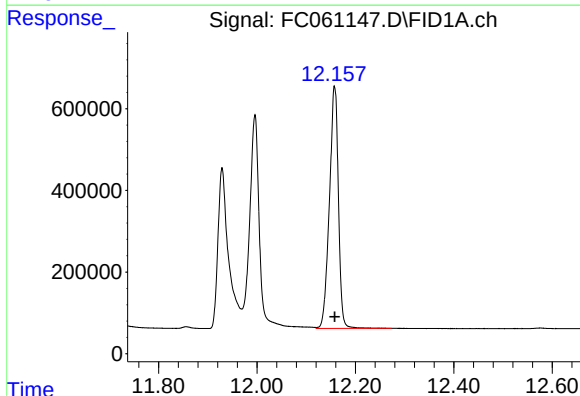
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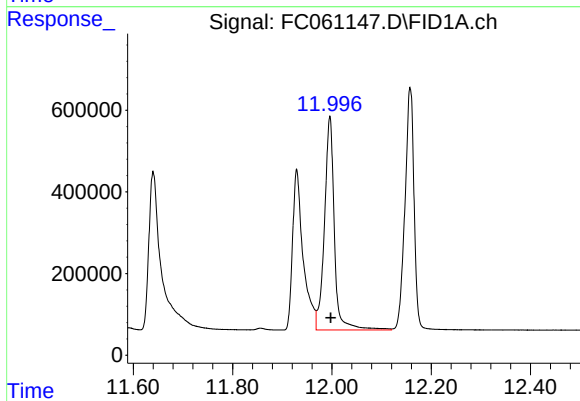
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 7615206
Conc: 48.53 ug/ml



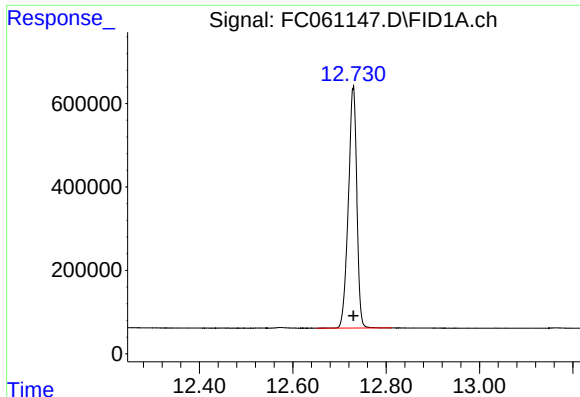
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 7539363
Conc: 48.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.002 min
Response: 7263006
Conc: 54.71 ug/ml



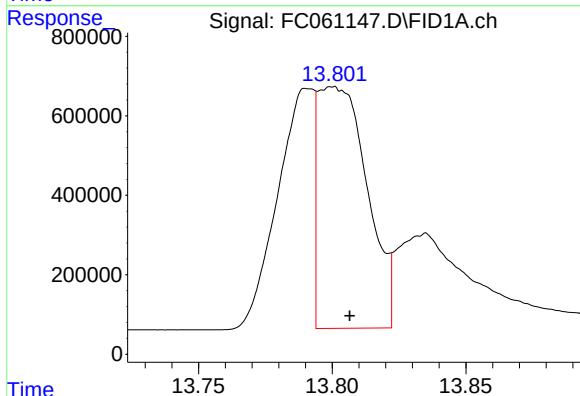
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 7298850
Conc: 46.81 ug/ml

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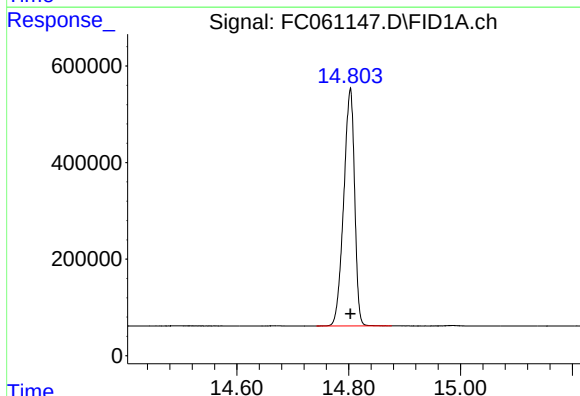
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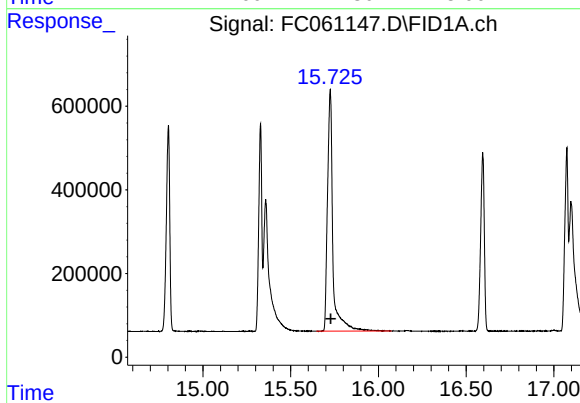
#14 n-Tetracosane (C24)

R.T.: 13.801 min
Delta R.T.: -0.006 min
Response: 7742307
Conc: 50.71 ug/ml m



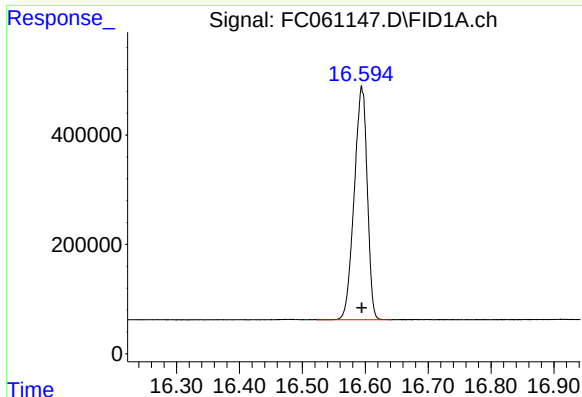
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 6657586
Conc: 44.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.003 min
Response: 12299239
Conc: 85.83 ug/ml



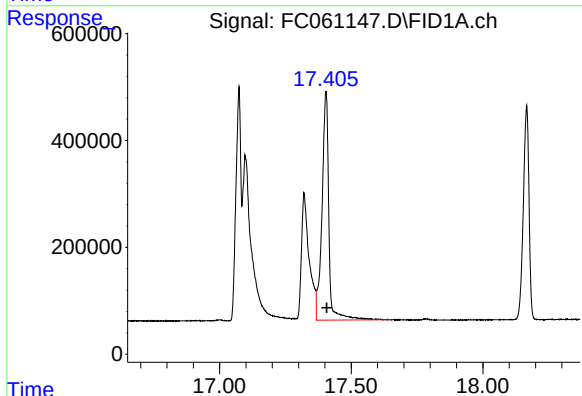
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.000 min
Response: 6140087
Conc: 43.86 ug/ml

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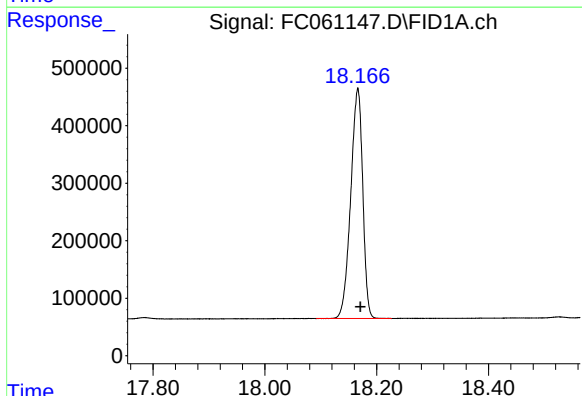
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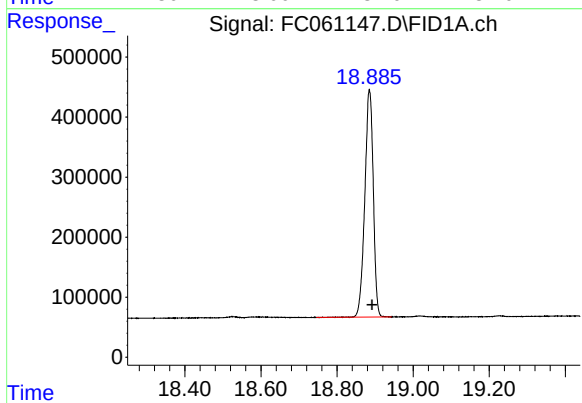
#18 n-Dotriacontane (C32)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 7769495
Conc: 57.57 ug/ml



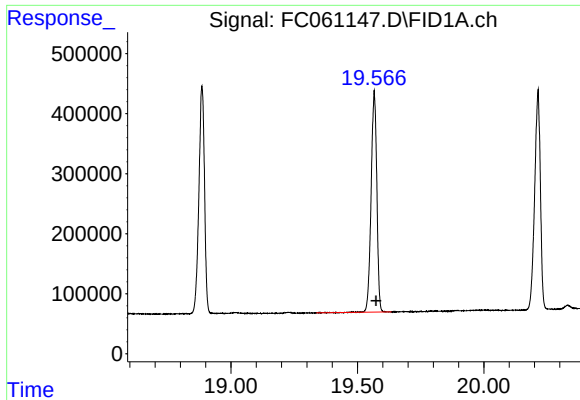
#19 n-Tetratriacontane (C34)

R.T.: 18.166 min
Delta R.T.: -0.005 min
Response: 5976420
Conc: 47.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 5861076
Conc: 47.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.007 min
Response: 5763065
Conc: 48.83 ug/ml

Instrument :

FID_C

ClientSampleId :

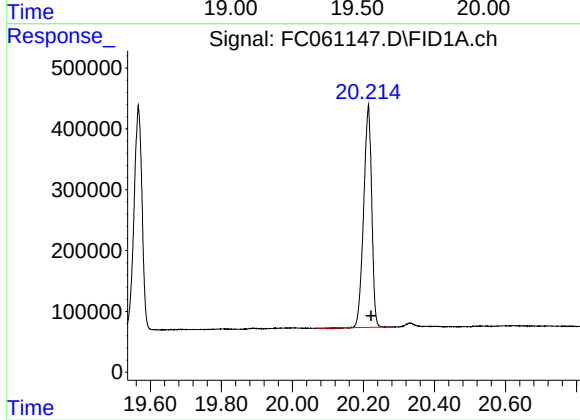
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#22 n-Tetracontane (C40)

R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 5724312
Conc: 49.74 ug/ml