

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061051.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 20:21
 Operator : YP/AJ
 Sample : PB146895BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB146895BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/11/2022

Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e

Quant Time: Aug 10 23:19:27 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)	10.636	7141531	43.517 ug/ml
Spiked Amount 50.000		Recovery =	87.03%
12) S 1-chlorooctadecane (S...	11.998	6443309	48.535 ug/ml
Spiked Amount 50.000		Recovery =	97.07%
Target Compounds			
1) T n-Nonane (C9)	2.642	5157807	36.622 ug/ml
2) T n-Decane (C10)	3.630	5178678	36.711 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6560144	46.151 ug/ml
4) T n-Dodecane (C12)	5.572	6262153	42.250 ug/ml
5) T A~2-methylnaphthalene...	6.187	6717299	48.978 ug/ml
6) T n-Tetradecane (C14)	7.321	6568124	43.748 ug/ml
7) T n-Hexadecane (C16)	8.880	6666276	43.560 ug/ml
8) T n-Octadecane (C18)	10.288	6844015	43.829 ug/ml
10) T n-Eicosane (C20)	11.563	6579945	41.929 ug/ml
11) T n-Heneicosane (C21)	12.160	6475430	41.385 ug/ml
13) T n-Docosane (C22)	12.732	6294334	40.370 ug/ml
14) T n-Tetracosane (C24)	13.788	5497200	36.007 ug/mlm
15) T n-Hexacosane (C26)	14.804	5693306	38.141 ug/ml
16) T n-Octacosane (C28)	15.727	10461298	73.006 ug/ml
17) T n-Tricontane (C30)	16.595	5266688	37.619 ug/ml
18) T n-Dotriacontane (C32)	17.404	6166880	45.694 ug/ml
19) T n-Tetratriacontane (C34)	18.166	5166227	41.192 ug/ml
20) T n-Hexatriacontane (C36)	18.888	5074381	41.513 ug/ml
21) T n-Octatriacontane (C38)	19.570	4961366	42.037 ug/ml
22) T n-Tetracontane (C40)	20.217	4977646	43.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
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Operator : YP/AJ
Sample : PB146895BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

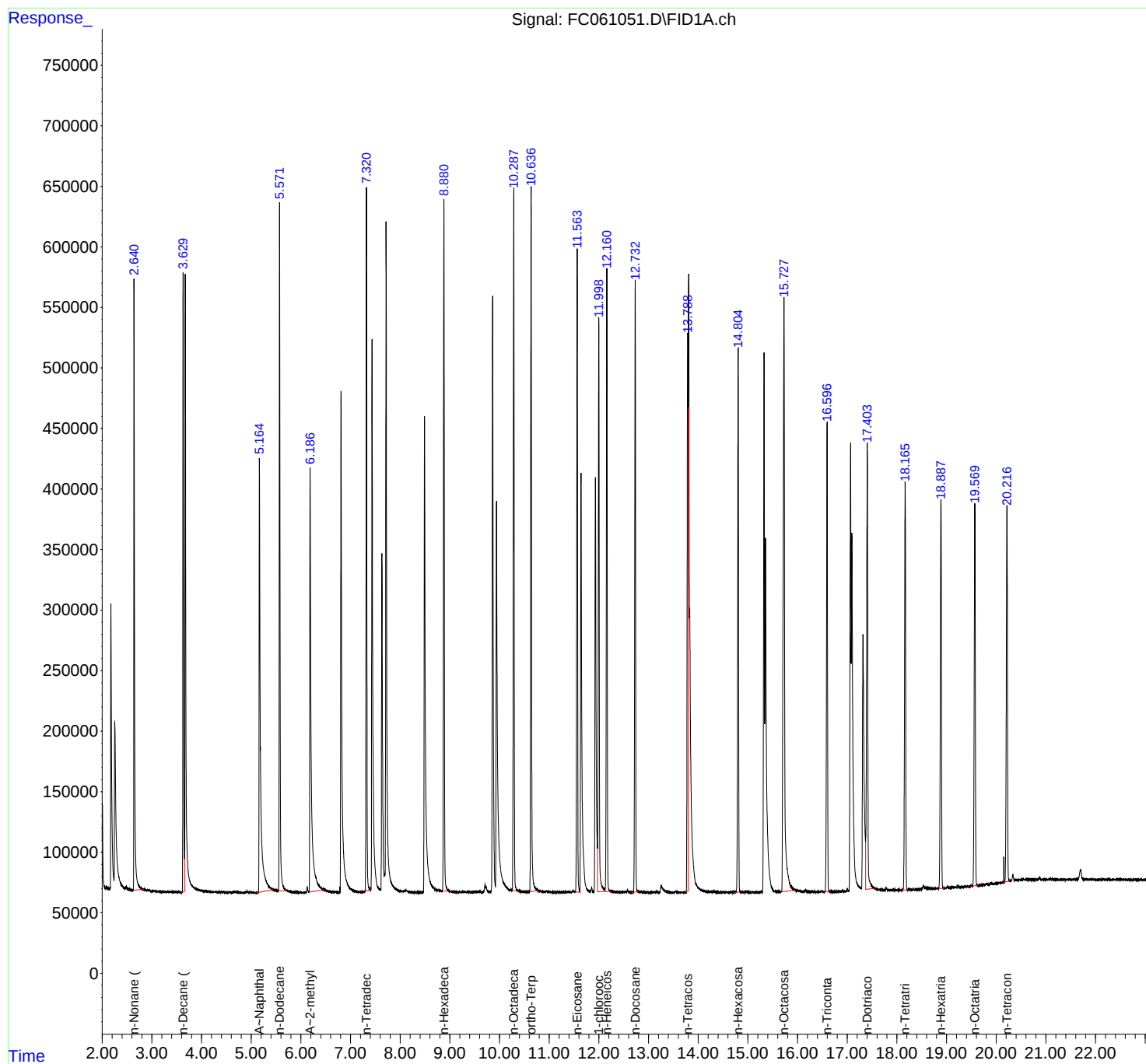
Instrument :
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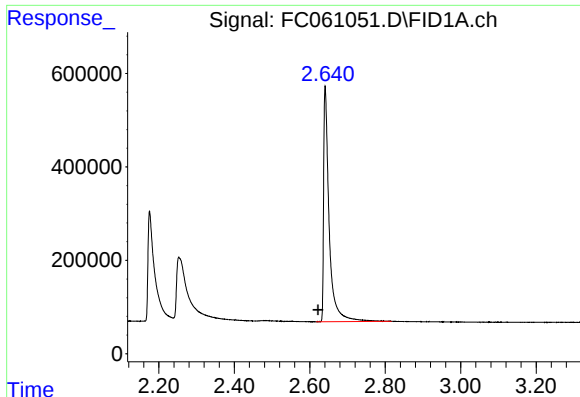
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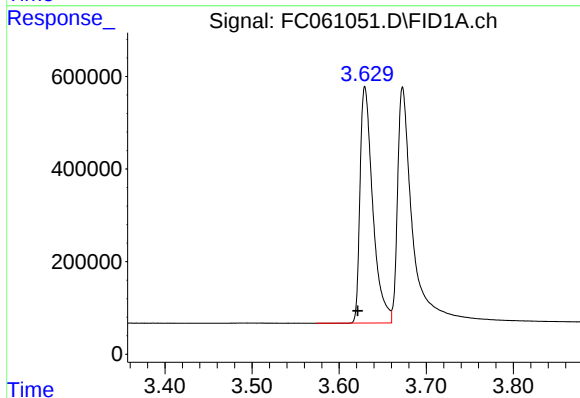
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.020 min
Response: 5157807
Conc: 36.62 ug/ml

Instrument :
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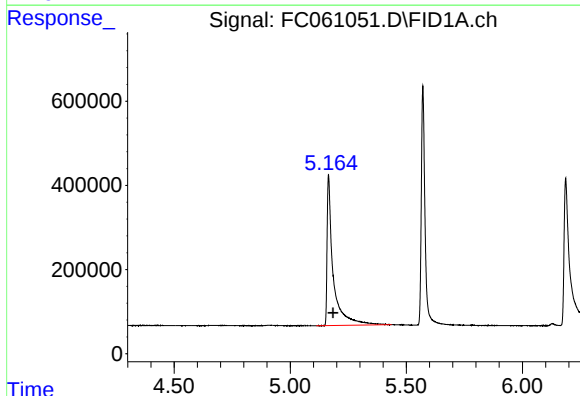
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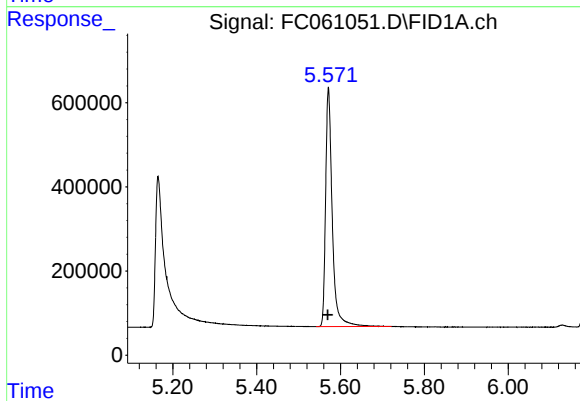
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.009 min
Response: 5178678
Conc: 36.71 ug/ml



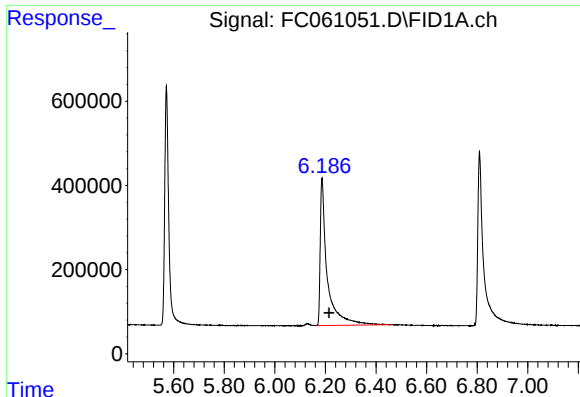
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.019 min
Response: 6560144
Conc: 46.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 6262153
Conc: 42.25 ug/ml



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

R.T.: 6.187 min
Delta R.T.: -0.028 min
Response: 6717299
Conc: 48.98 ug/ml

Instrument :

FID_C

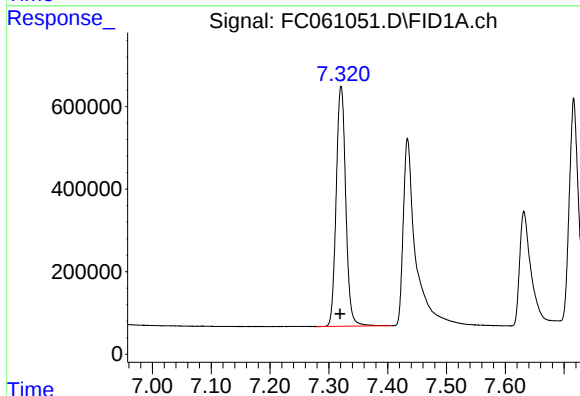
ClientSampleId :

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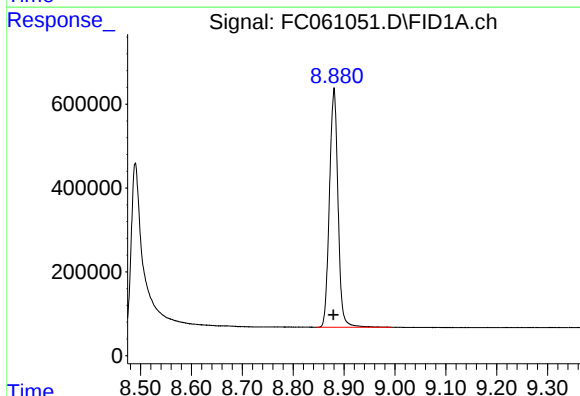
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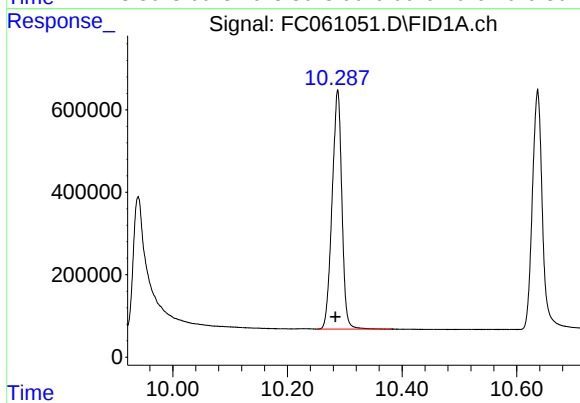
#6 n-Tetradecane (C14)

R.T.: 7.321 min
Delta R.T.: 0.002 min
Response: 6568124
Conc: 43.75 ug/ml



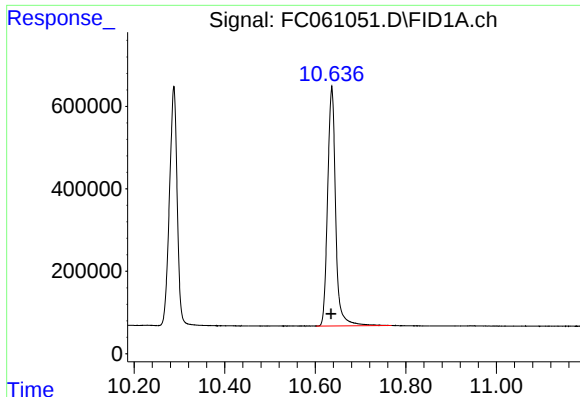
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: 0.002 min
Response: 6666276
Conc: 43.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: 0.004 min
Response: 6844015
Conc: 43.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: 0.002 min
Response: 7141531
Conc: 43.52 ug/ml

Instrument :

FID_C

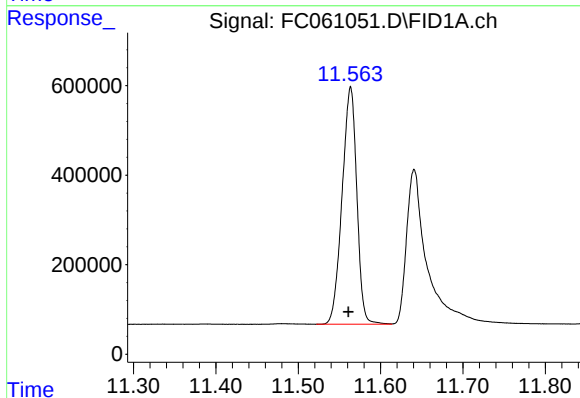
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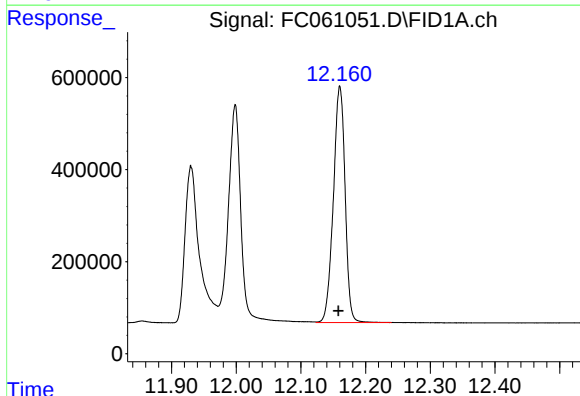
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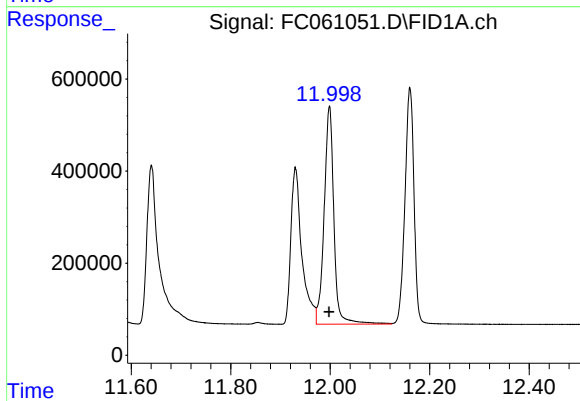
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 6579945
Conc: 41.93 ug/ml



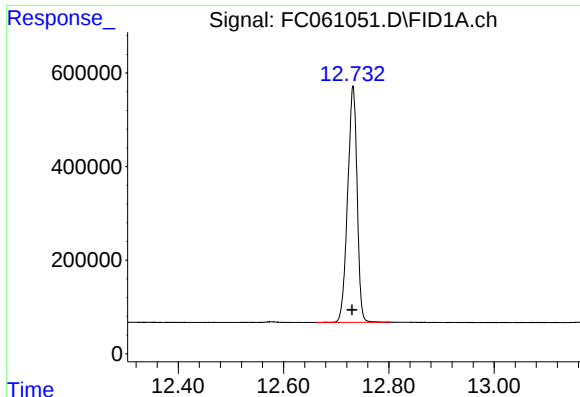
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 6475430
Conc: 41.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 6443309
Conc: 48.54 ug/ml



#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 6294334
Conc: 40.37 ug/ml

Instrument :

FID_C

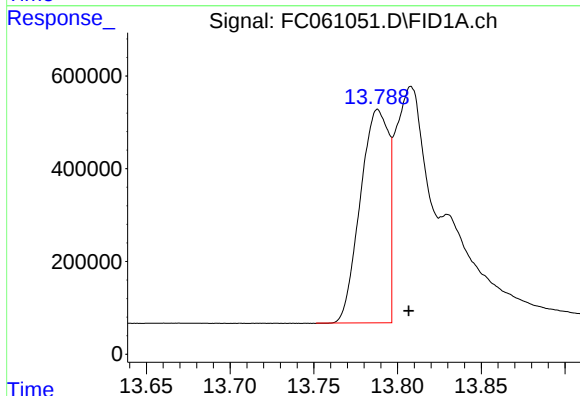
ClientSampleId :

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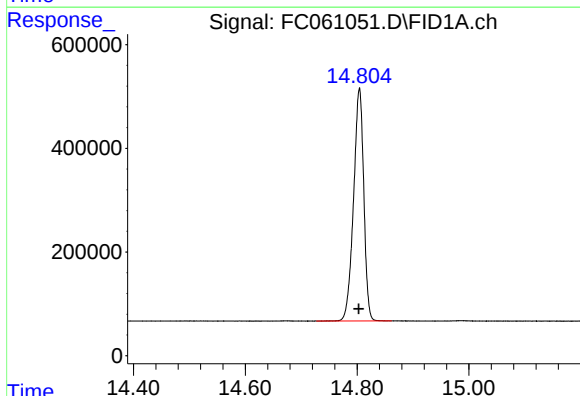
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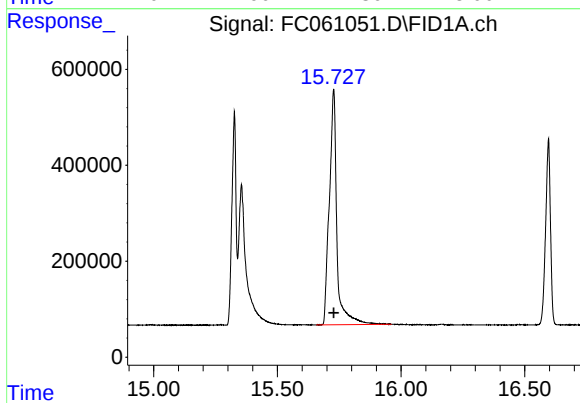
#14 n-Tetracosane (C24)

R.T.: 13.788 min
Delta R.T.: -0.019 min
Response: 5497200
Conc: 36.01 ug/ml m



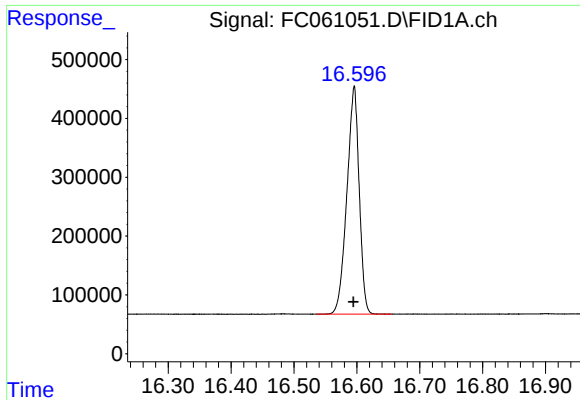
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 5693306
Conc: 38.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.727 min
Delta R.T.: -0.001 min
Response: 10461298
Conc: 73.01 ug/ml



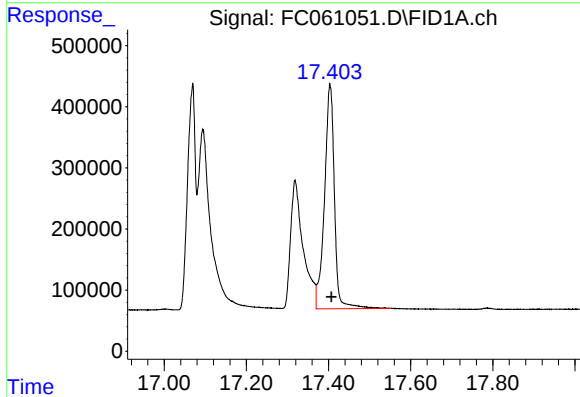
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.001 min
Response: 5266688
Conc: 37.62 ug/ml

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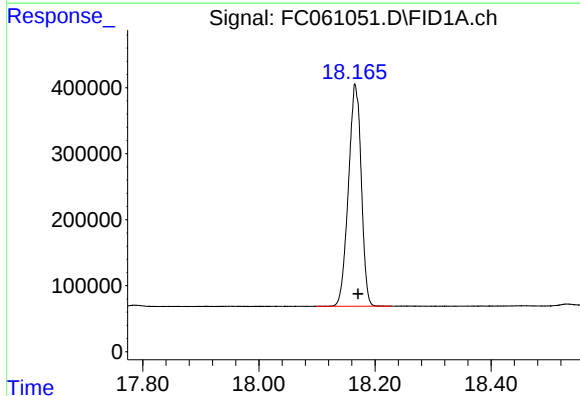
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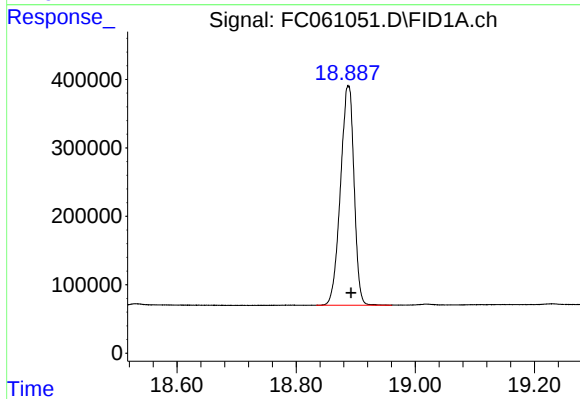
#18 n-Dotriacontane (C32)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 6166880
Conc: 45.69 ug/ml



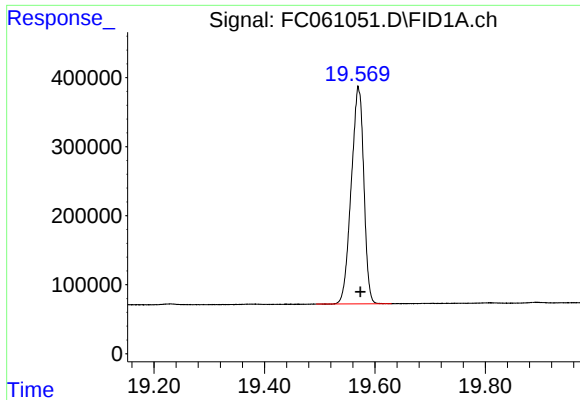
#19 n-Tetratriacontane (C34)

R.T.: 18.166 min
Delta R.T.: -0.005 min
Response: 5166227
Conc: 41.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 5074381
Conc: 41.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.003 min
Response: 4961366
Conc: 42.04 ug/ml

Instrument :

FID_C

ClientSampleId :

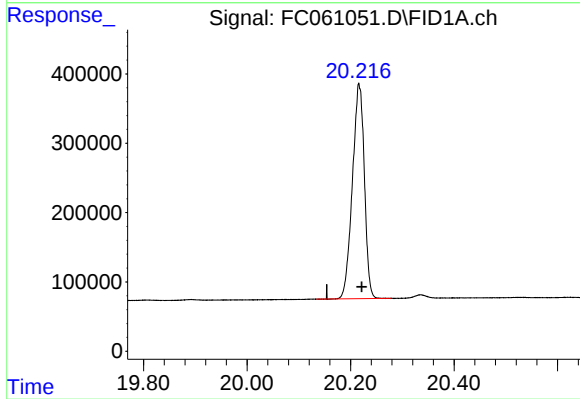
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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 4977646
Conc: 43.25 ug/ml