

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061052.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 21:11
 Operator : YP/AJ
 Sample : PB146895BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146895BSD

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 23:19:45 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)	10.637	7170651	43.694 ug/ml
Spiked Amount 50.000		Recovery =	87.39%
12) S 1-chlorooctadecane (S...	12.000	6428228	48.422 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T n-Nonane (C9)	2.644	5188946	36.843 ug/ml
2) T n-Decane (C10)	3.631	5203259	36.885 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6602198	46.447 ug/ml
4) T n-Dodecane (C12)	5.572	6295513	42.475 ug/ml
5) T A~2-methylnaphthalene...	6.187	6732702	49.090 ug/ml
6) T n-Tetradecane (C14)	7.321	6604226	43.989 ug/ml
7) T n-Hexadecane (C16)	8.880	6680927	43.656 ug/ml
8) T n-Octadecane (C18)	10.288	6857741	43.917 ug/ml
10) T n-Eicosane (C20)	11.565	6577355	41.912 ug/ml
11) T n-Heneicosane (C21)	12.161	6475513	41.385 ug/ml
13) T n-Docosane (C22)	12.732	6295702	40.379 ug/ml
14) T n-Tetracosane (C24)	13.792	5819708	38.120 ug/mlm
15) T n-Hexacosane (C26)	14.805	5690392	38.121 ug/ml
16) T n-Octacosane (C28)	15.729	10483942	73.164 ug/ml
17) T n-Tricontane (C30)	16.596	5279905	37.713 ug/ml
18) T n-Dotriacontane (C32)	17.406	6133147	45.444 ug/ml
19) T n-Tetratriacontane (C34)	18.169	5177384	41.281 ug/ml
20) T n-Hexatriacontane (C36)	18.890	5086229	41.610 ug/ml
21) T n-Octatriacontane (C38)	19.572	4977440	42.173 ug/ml
22) T n-Tetracontane (C40)	20.217	4973026	43.208 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB146895BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

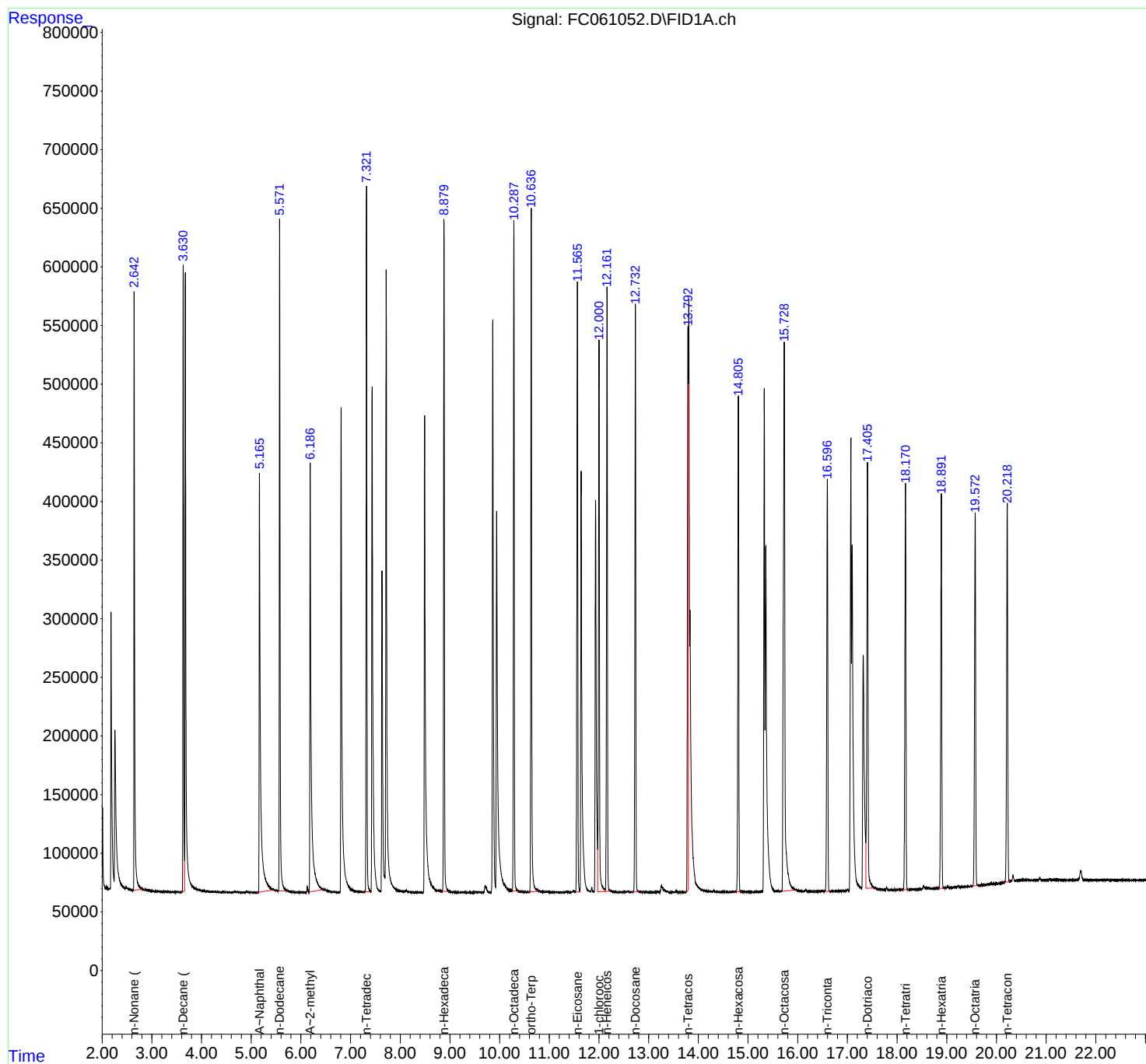
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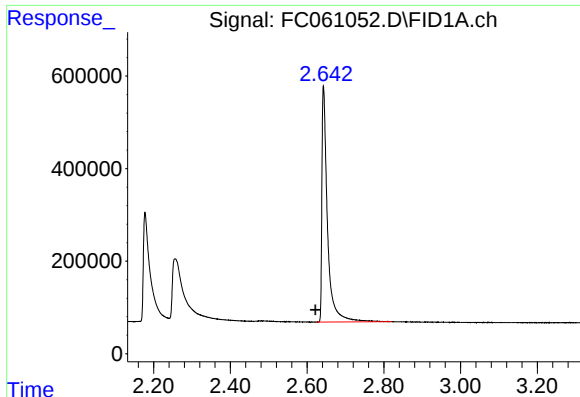
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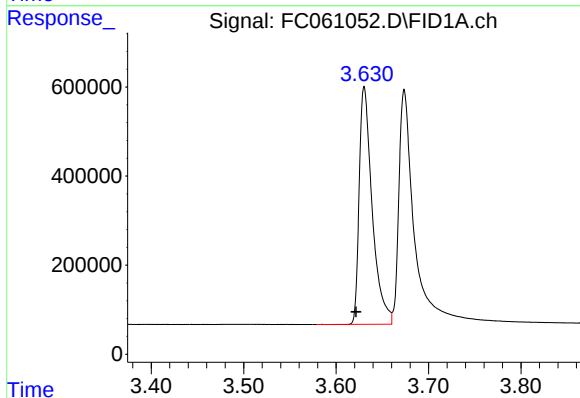
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.022 min
Response: 5188946
Conc: 36.84 ug/ml

Instrument :
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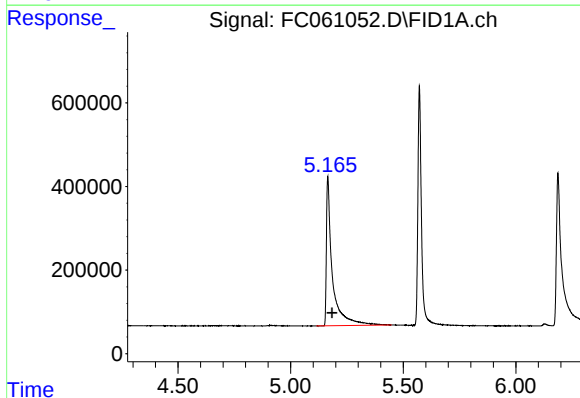
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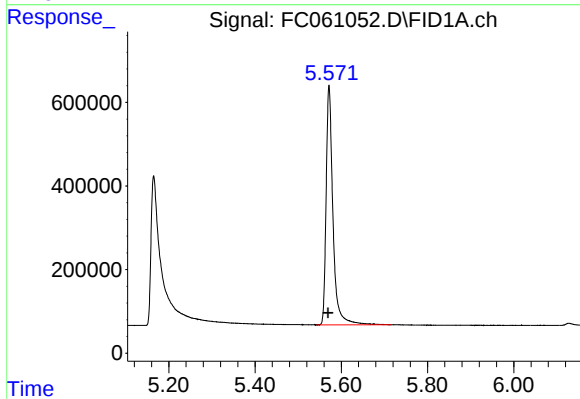
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: 0.010 min
Response: 5203259
Conc: 36.89 ug/ml



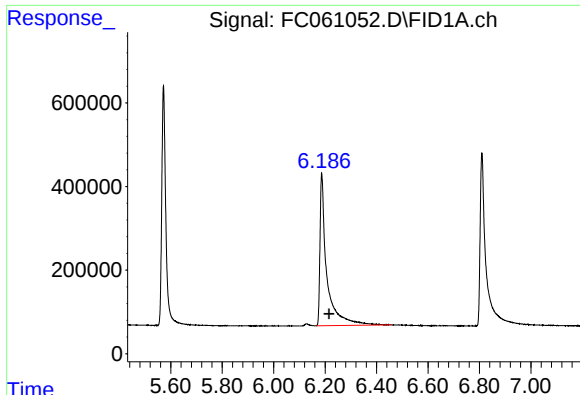
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.019 min
Response: 6602198
Conc: 46.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 6295513
Conc: 42.48 ug/ml



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

R.T.: 6.187 min
Delta R.T.: -0.027 min
Response: 6732702
Conc: 49.09 ug/ml

Instrument :

FID_C

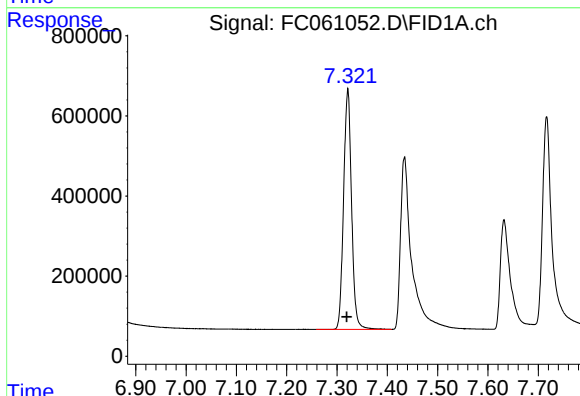
ClientSampleId :

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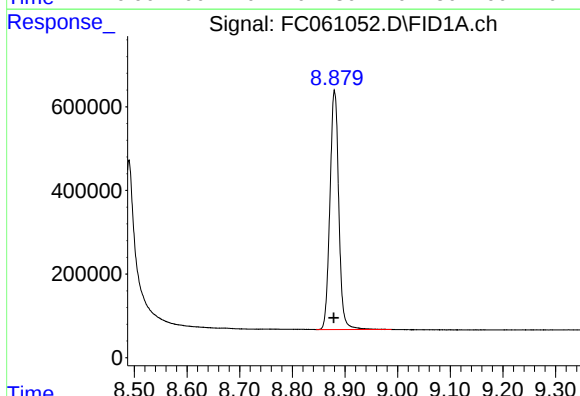
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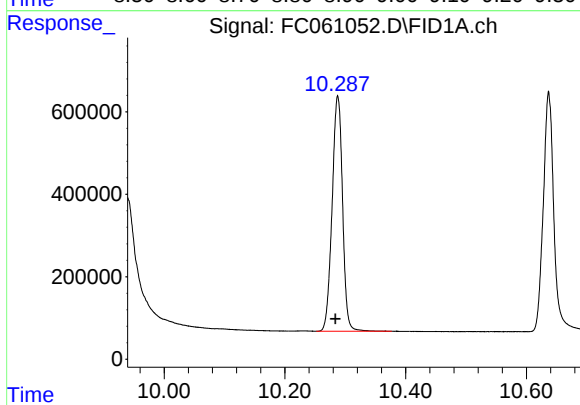
#6 n-Tetradecane (C14)

R.T.: 7.321 min
Delta R.T.: 0.002 min
Response: 6604226
Conc: 43.99 ug/ml



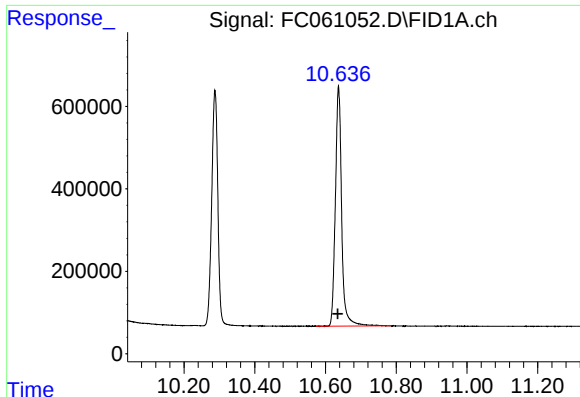
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: 0.002 min
Response: 6680927
Conc: 43.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: 0.004 min
Response: 6857741
Conc: 43.92 ug/ml



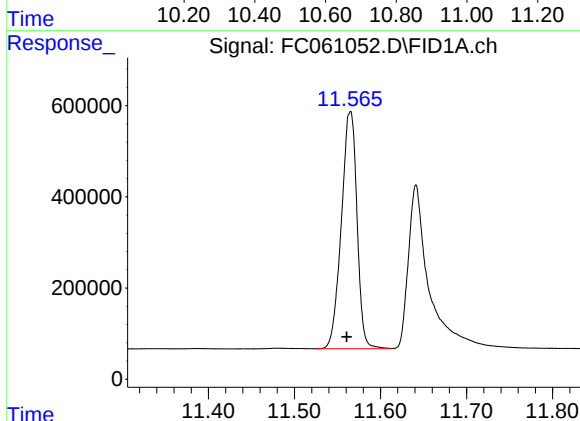
#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.002 min
Response: 7170651
Conc: 43.69 ug/ml

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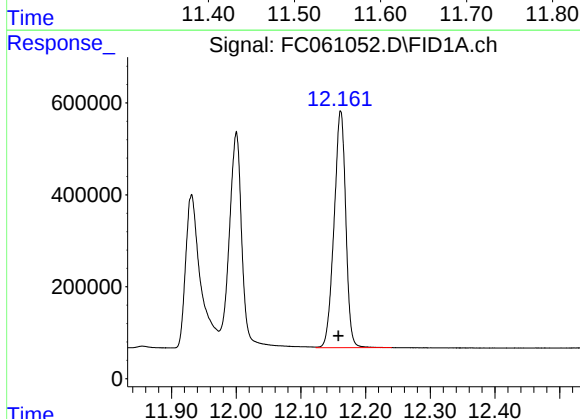
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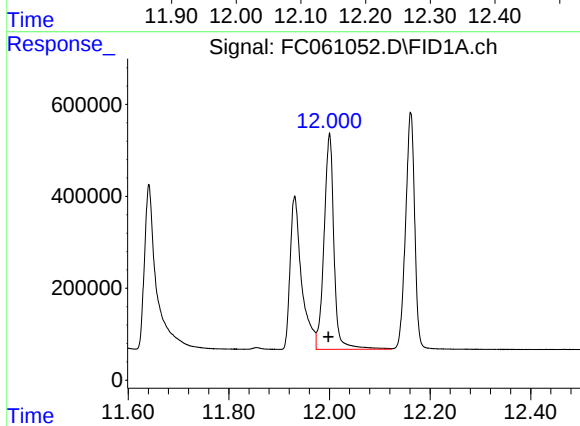
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: 0.004 min
Response: 6577355
Conc: 41.91 ug/ml



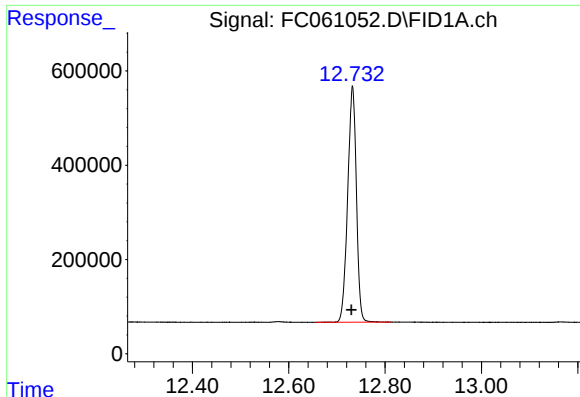
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.004 min
Response: 6475513
Conc: 41.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: 0.002 min
Response: 6428228
Conc: 48.42 ug/ml



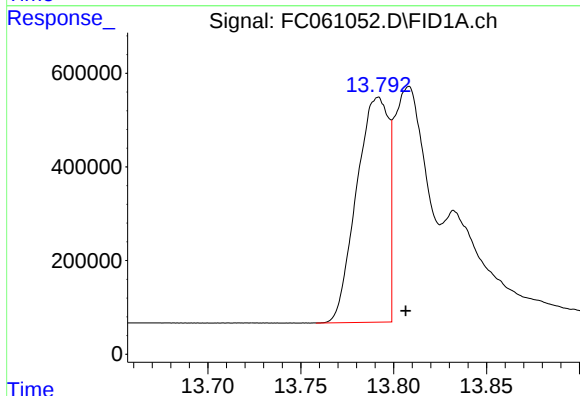
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 6295702
Conc: 40.38 ug/ml

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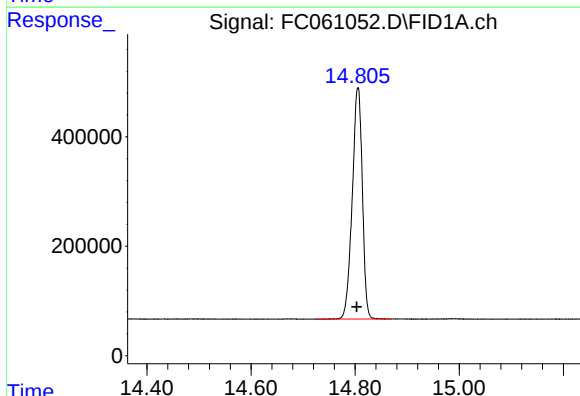
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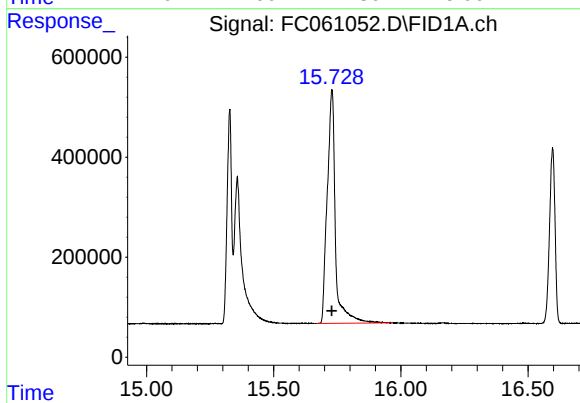
#14 n-Tetracosane (C24)

R.T.: 13.792 min
Delta R.T.: -0.015 min
Response: 5819708
Conc: 38.12 ug/ml m



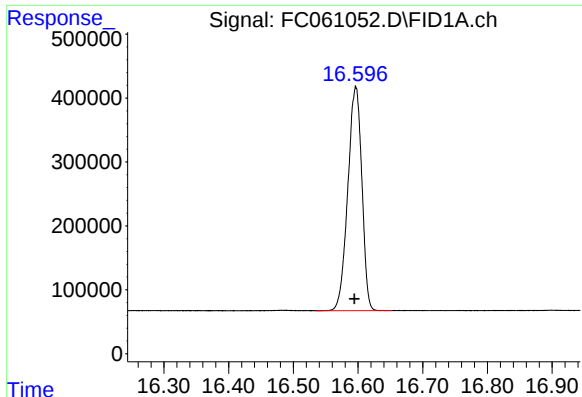
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: 0.002 min
Response: 5690392
Conc: 38.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 10483942
Conc: 73.16 ug/ml



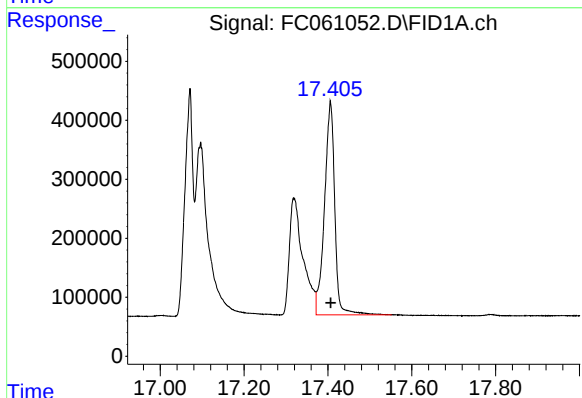
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 5279905
Conc: 37.71 ug/ml

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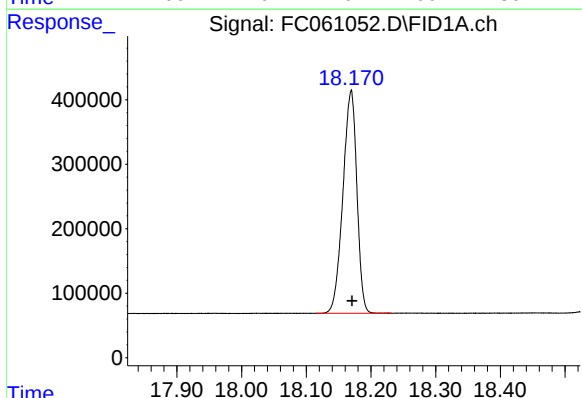
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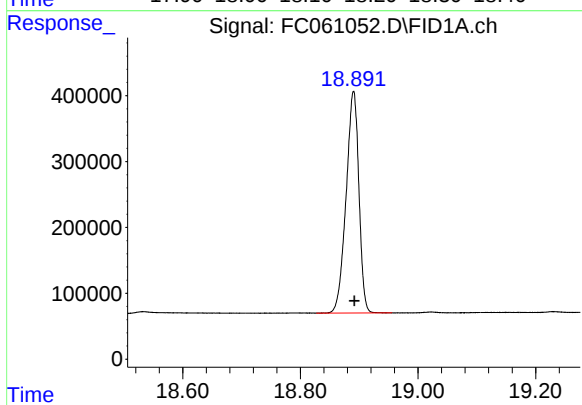
#18 n-Dotriacontane (C32)

R.T.: 17.406 min
Delta R.T.: -0.001 min
Response: 6133147
Conc: 45.44 ug/ml



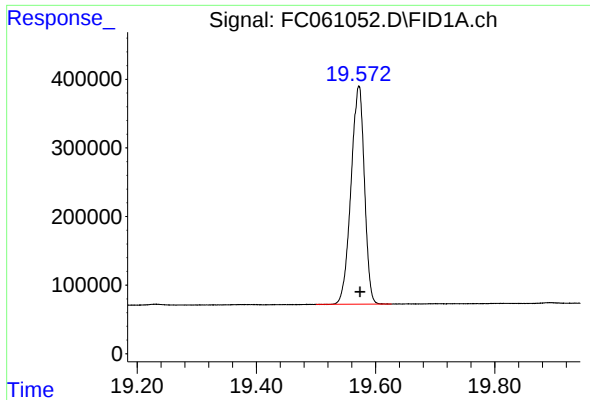
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min
Delta R.T.: -0.002 min
Response: 5177384
Conc: 41.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.890 min
Delta R.T.: -0.002 min
Response: 5086229
Conc: 41.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.572 min
Delta R.T.: -0.002 min
Response: 4977440
Conc: 42.17 ug/ml

Instrument :

FID_C

ClientSampleId :

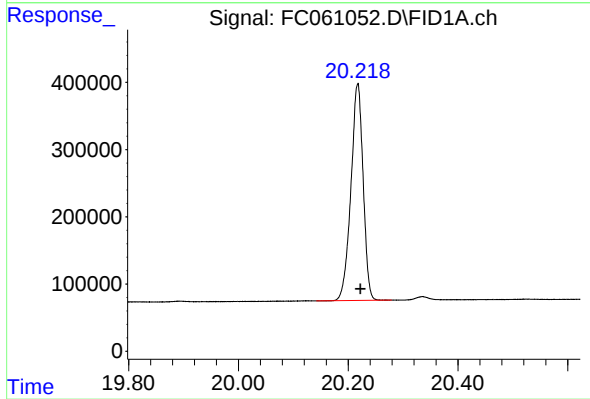
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#22 n-Tetracontane (C40)

R.T.: 20.217 min
Delta R.T.: -0.005 min
Response: 4973026
Conc: 43.21 ug/ml