

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061154.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 01:20
 Operator : YP/AJ
 Sample : N4208-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 W-2MSD

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 05:11:51 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)	10.633	3509773	21.387 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	11.994	3806342	28.672 ug/ml
Spiked Amount 50.000		Recovery =	57.34%
Target Compounds			
1) T n-Nonane (C9)	2.639	4061002	28.834 ug/ml
2) T n-Decane (C10)	3.627	4248650	30.118 ug/ml
3) T A~Naphthalene (C11.7)	5.167	5615444	39.505 ug/ml
4) T n-Dodecane (C12)	5.569	5314356	35.856 ug/ml
5) T A~2-methylnaphthalene...	6.189	5793103	42.239 ug/ml
6) T n-Tetradecane (C14)	7.318	5752868	38.318 ug/ml
7) T n-Hexadecane (C16)	8.876	6015848	39.310 ug/ml
8) T n-Octadecane (C18)	10.281	6245901	39.998 ug/ml
10) T n-Eicosane (C20)	11.559	5970459	38.045 ug/ml
11) T n-Heneicosane (C21)	12.155	5904201	37.734 ug/ml
13) T n-Docosane (C22)	12.726	5719631	36.684 ug/ml
14) T n-Tetracosane (C24)	13.797	6343927	41.553 ug/mlm
15) T n-Hexacosane (C26)	14.799	5212288	34.918 ug/ml
16) T n-Octacosane (C28)	15.722	9809805	68.460 ug/ml
17) T n-Tricontane (C30)	16.590	4887833	34.913 ug/ml
18) T n-Dotriacontane (C32)	17.400	6308186	46.741 ug/ml
19) T n-Tetratriacontane (C34)	18.163	4786772	38.166 ug/ml
20) T n-Hexatriacontane (C36)	18.881	4684167	38.321 ug/ml
21) T n-Octatriacontane (C38)	19.565	4590073	38.891 ug/ml
22) T n-Tetracontane (C40)	20.210	4604104	40.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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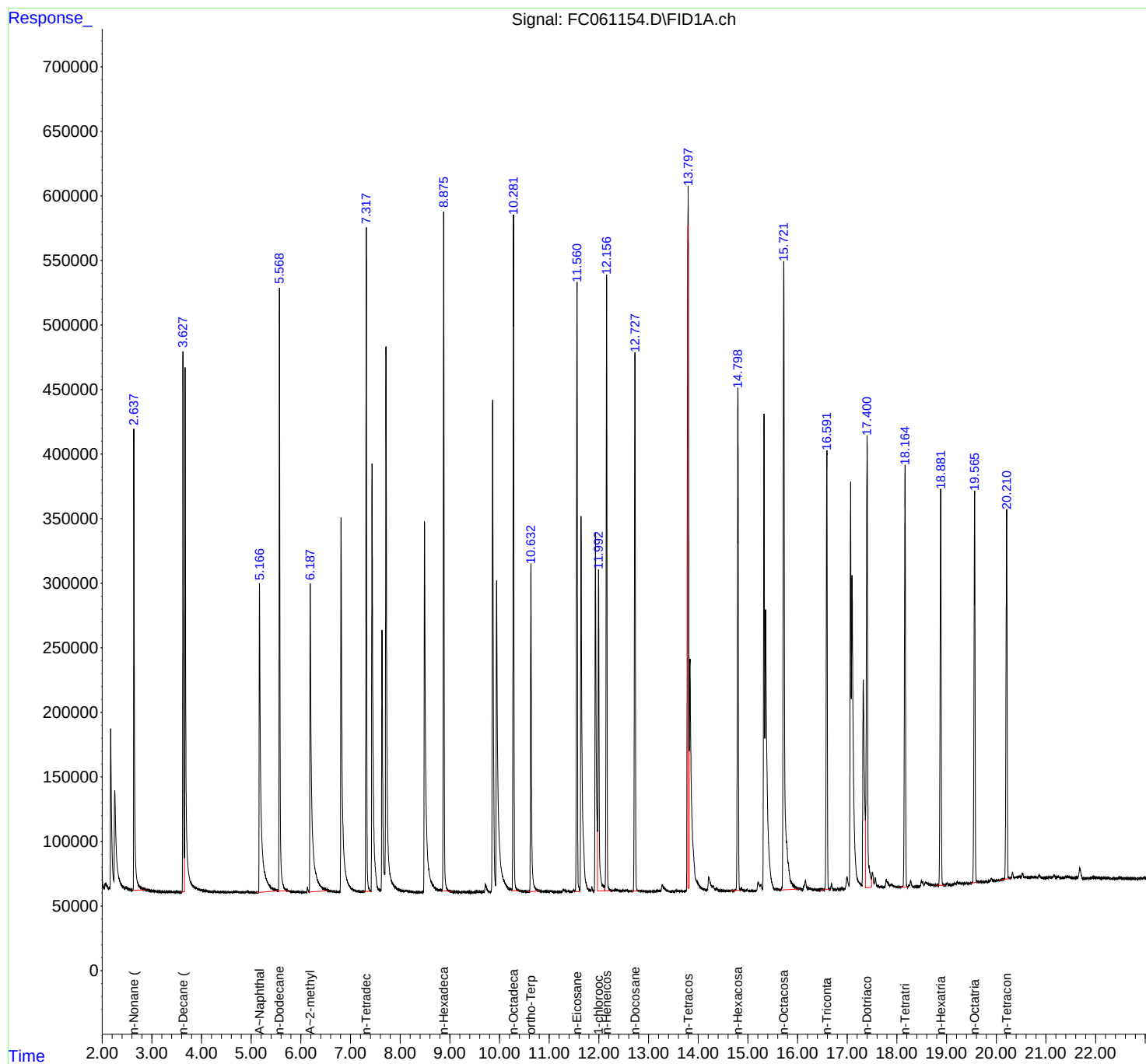
Instrument :
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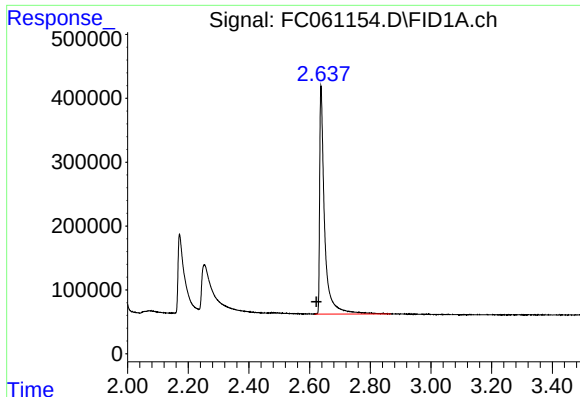
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: 0.017 min
Response: 4061002
Conc: 28.83 ug/ml

Instrument :

FID_C

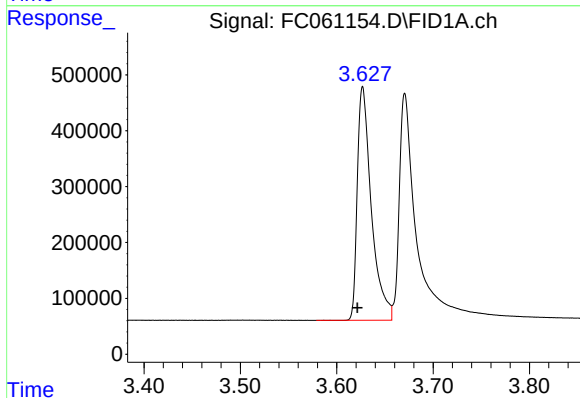
ClientSampleId :

W-2MSD

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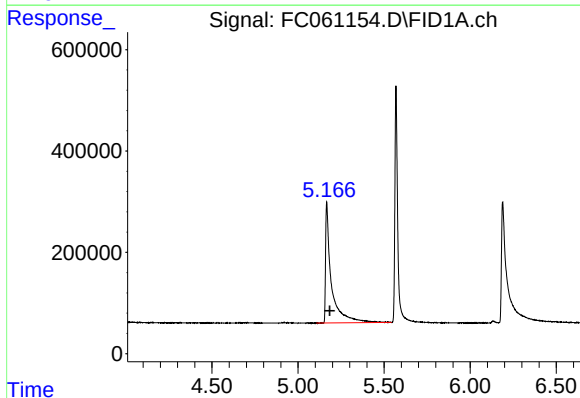
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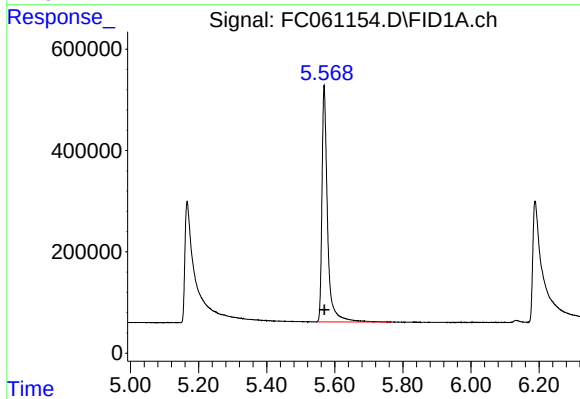
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.006 min
Response: 4248650
Conc: 30.12 ug/ml



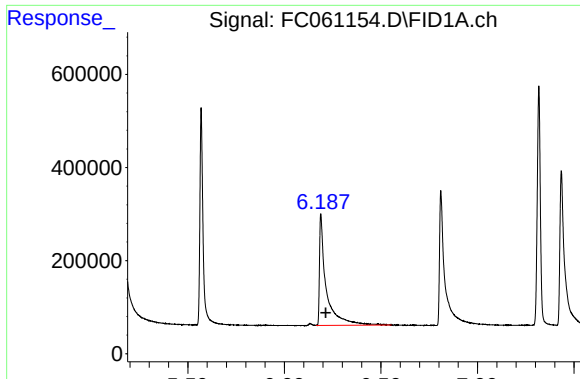
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.017 min
Response: 5615444
Conc: 39.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 5314356
Conc: 35.86 ug/ml



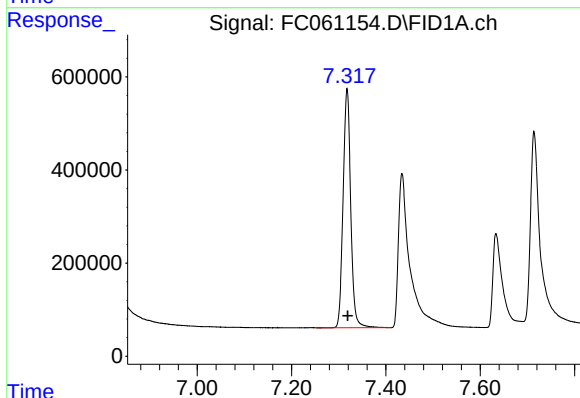
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.025 min
Response: 5793103
Conc: 42.24 ug/ml

Instrument :
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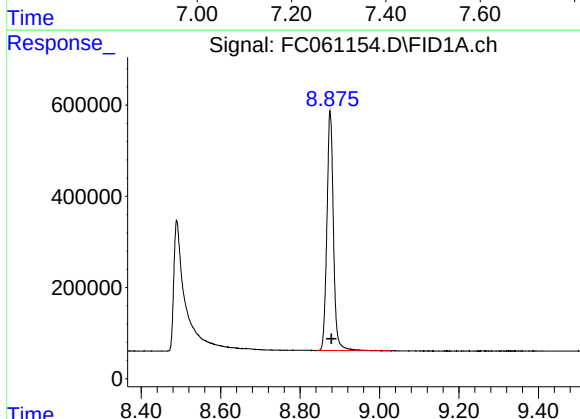
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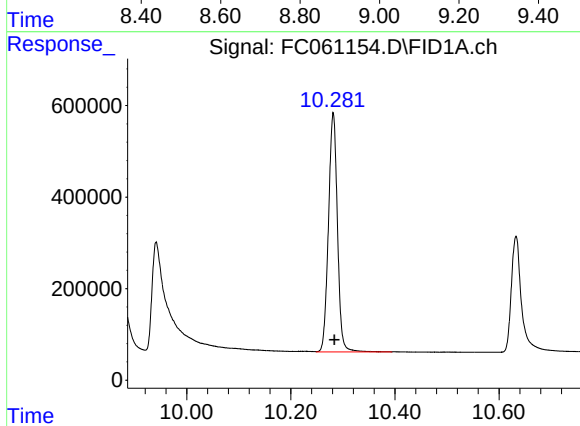
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 5752868
Conc: 38.32 ug/ml



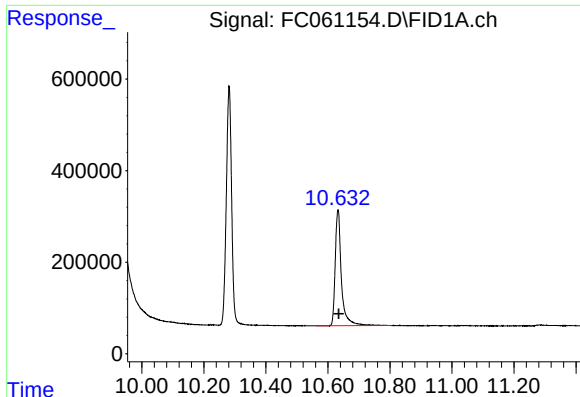
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 6015848
Conc: 39.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.281 min
Delta R.T.: -0.002 min
Response: 6245901
Conc: 40.00 ug/ml



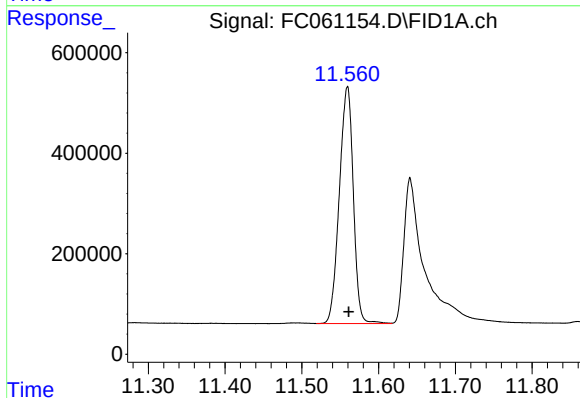
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 3509773
Conc: 21.39 ug/ml

Instrument :
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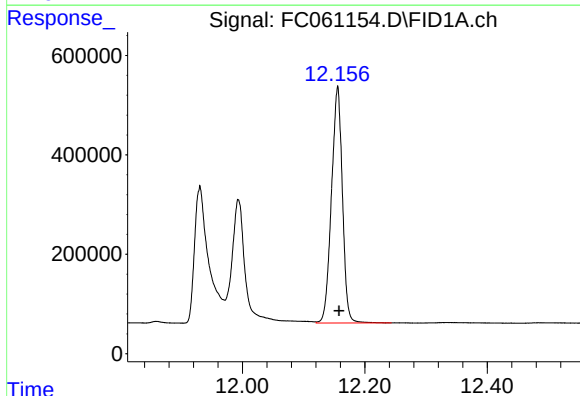
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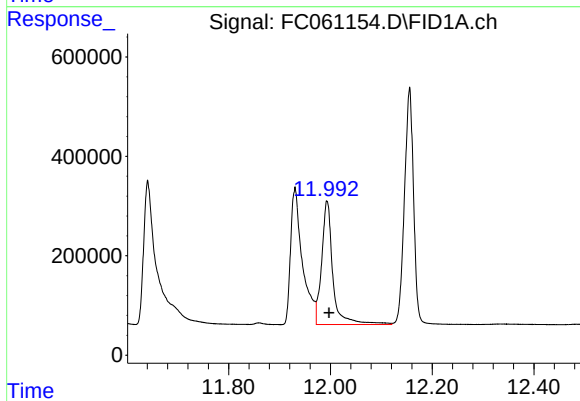
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 5970459
Conc: 38.04 ug/ml



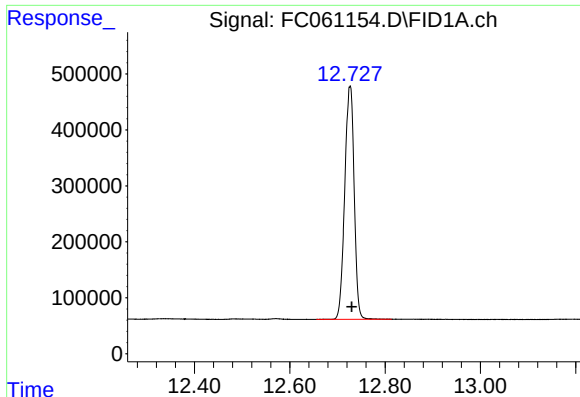
#11 n-Heneicosane (C21)

R.T.: 12.155 min
Delta R.T.: -0.002 min
Response: 5904201
Conc: 37.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 3806342
Conc: 28.67 ug/ml



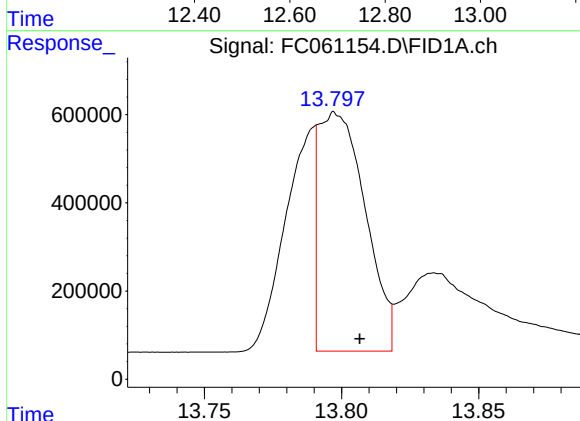
#13 n-Docosane (C22)

R.T.: 12.726 min
Delta R.T.: -0.004 min
Response: 5719631
Conc: 36.68 ug/ml

Instrument :
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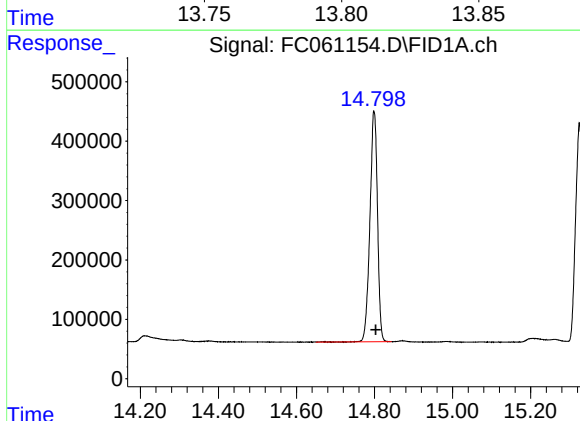
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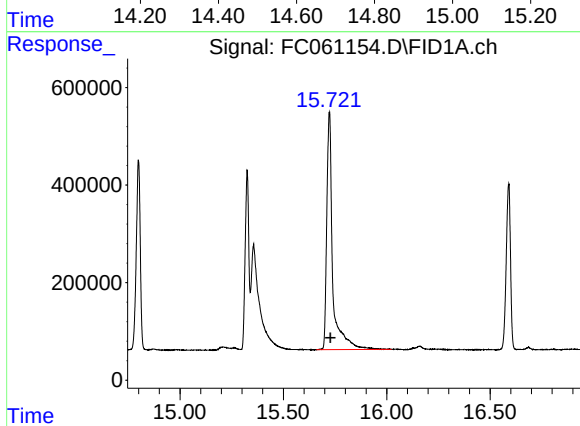
#14 n-Tetracosane (C24)

R.T.: 13.797 min
Delta R.T.: -0.010 min
Response: 6343927
Conc: 41.55 ug/ml m



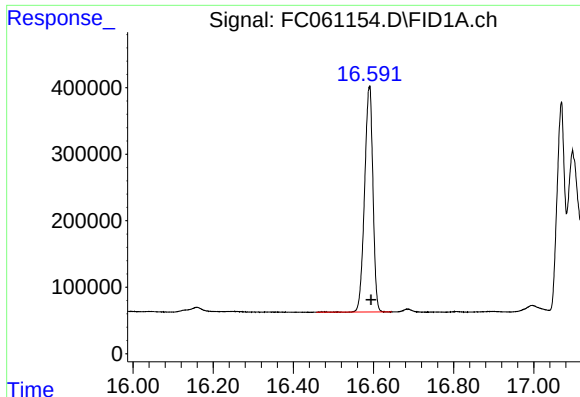
#15 n-Hexacosane (C26)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 5212288
Conc: 34.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.722 min
Delta R.T.: -0.006 min
Response: 9809805
Conc: 68.46 ug/ml



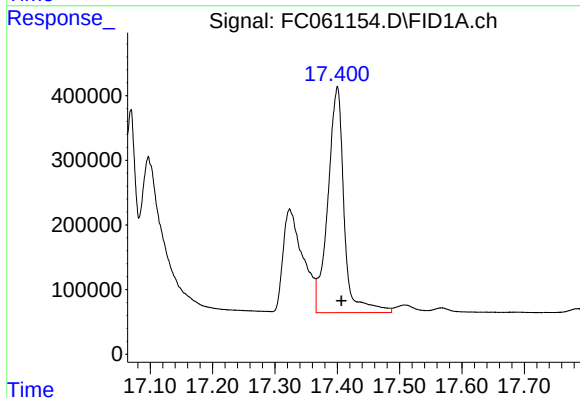
#17 n-Tricontane (C30)

R.T.: 16.590 min
Delta R.T.: -0.005 min
Response: 4887833
Conc: 34.91 ug/ml

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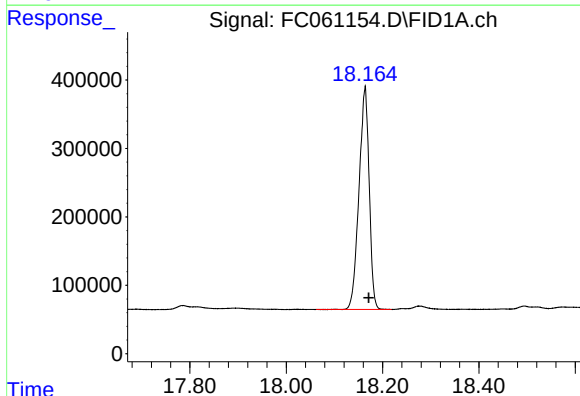
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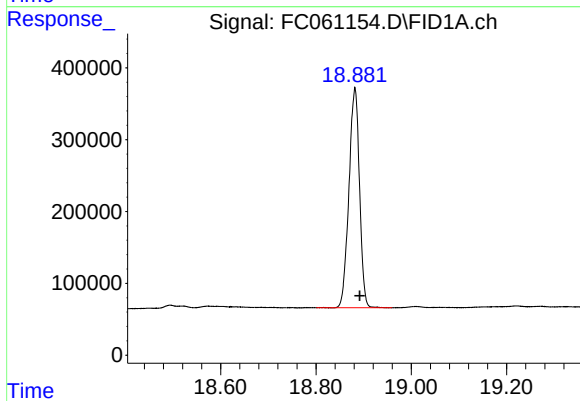
#18 n-Dotriacontane (C32)

R.T.: 17.400 min
Delta R.T.: -0.007 min
Response: 6308186
Conc: 46.74 ug/ml



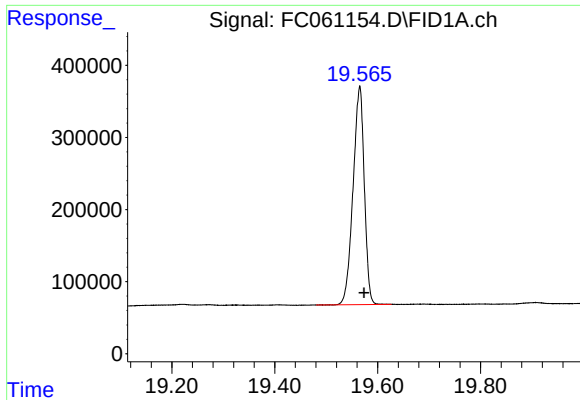
#19 n-Tetratriacontane (C34)

R.T.: 18.163 min
Delta R.T.: -0.007 min
Response: 4786772
Conc: 38.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.881 min
Delta R.T.: -0.010 min
Response: 4684167
Conc: 38.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.565 min
Delta R.T.: -0.009 min
Response: 4590073
Conc: 38.89 ug/ml

Instrument :

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ClientSampleId :

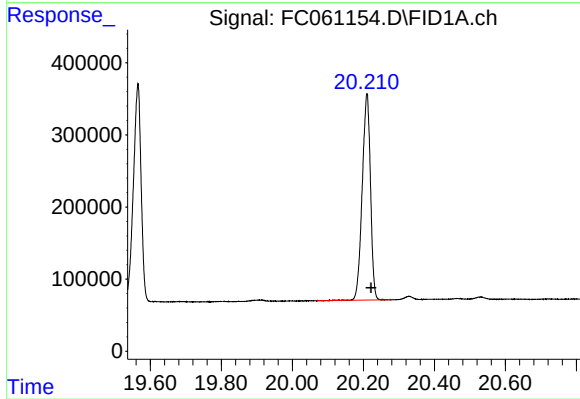
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#22 n-Tetracontane (C40)

R.T.: 20.210 min
Delta R.T.: -0.012 min
Response: 4604104
Conc: 40.00 ug/ml