

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC061990.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 11:36
 Operator : YP/AJ
 Sample : PB148593BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148593BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 04:51:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.586	5312796	35.742 ug/ml
Spiked Amount 50.000		Recovery =	71.48%
12) S 1-chlorooctadecane (S...	13.021	4179199	35.873 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T n-Nonane (C9)	3.372	5829218	41.441 ug/ml
2) T n-Decane (C10)	4.428	5926479	41.517 ug/ml
3) T A~Naphthalene (C11.7)	6.005	6120834	39.654 ug/ml
4) T n-Dodecane (C12)	6.434	6087185	41.931 ug/ml
5) T A~2-methylnaphthalene...	7.059	5841447	38.507 ug/ml
6) T n-Tetradecane (C14)	8.230	5987687	41.191 ug/ml
7) T n-Hexadecane (C16)	9.828	5868268	40.297 ug/ml
8) T n-Octadecane (C18)	11.270	5797697	40.111 ug/ml
10) T n-Eicosane (C20)	12.578	5441946	38.558 ug/ml
11) T n-Heneicosane (C21)	13.189	5308822	38.260 ug/ml
13) T n-Docosane (C22)	13.776	5156087	37.611 ug/ml
14) T n-Tetracosane (C24)	14.860	9227193	69.833 ug/mlm
15) T n-Hexacosane (C26)	15.897	4662130	36.999 ug/ml
16) T n-Octacosane (C28)	16.846	4521326	37.489 ug/ml
17) T n-Tricontane (C30)	17.733	4378904	36.803 ug/ml
18) T n-Dotriacontane (C32)	18.563	4235445	35.948 ug/ml
19) T n-Tetratriacontane (C34)	19.345	3784684	33.501 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2878512	25.382 ug/ml
21) T n-Octatriacontane (C38)	20.818	2092423	18.596 ug/ml
22) T n-Tetracontane (C40)	21.727	1523510	13.570 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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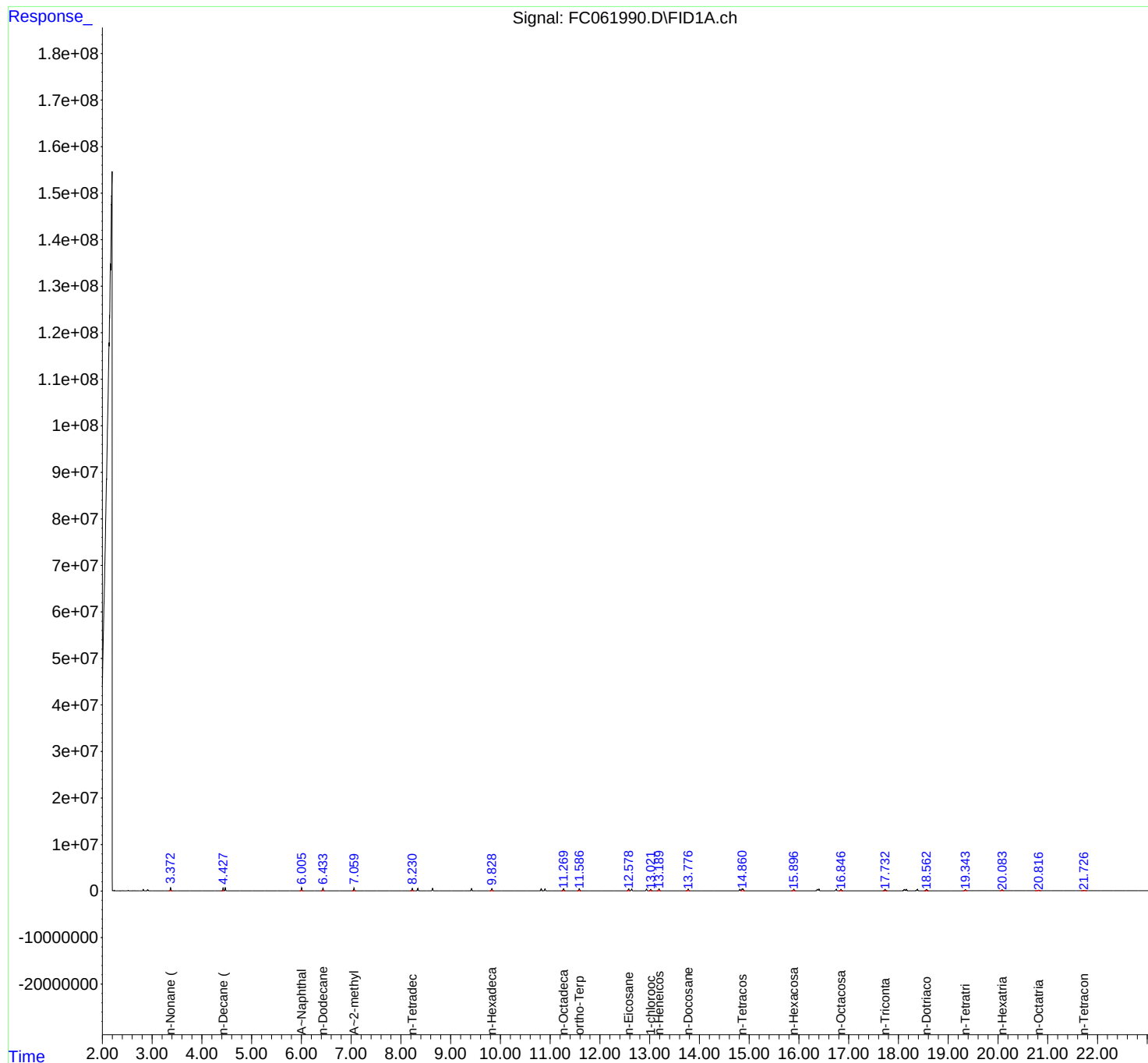
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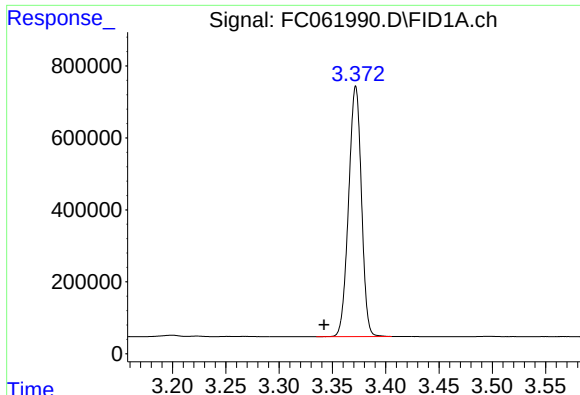
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#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: 0.030 min
Response: 5829218
Conc: 41.44 ug/ml

Instrument :

FID_C

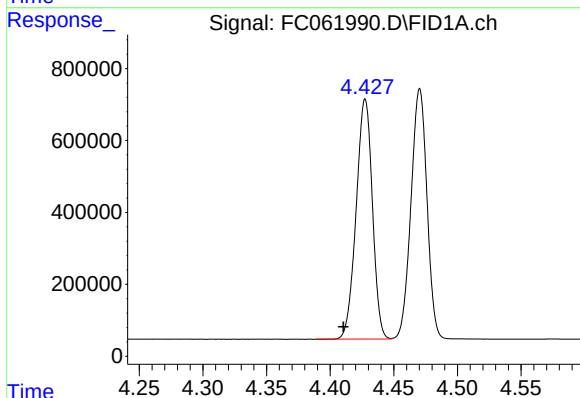
ClientSampleId :

PB148593BSD

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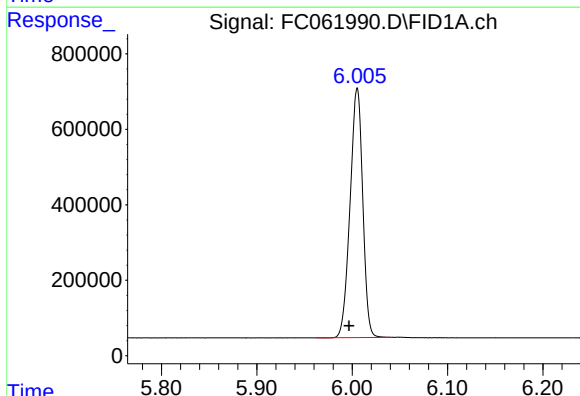
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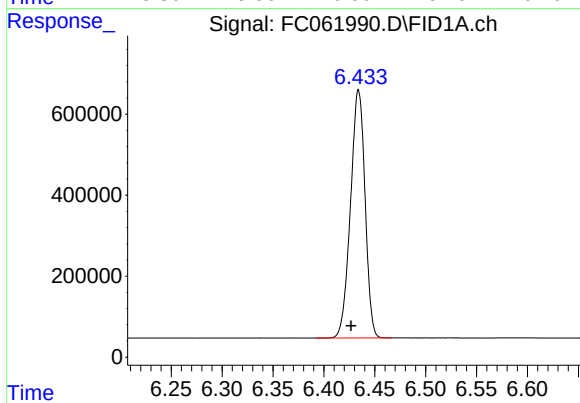
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.017 min
Response: 5926479
Conc: 41.52 ug/ml



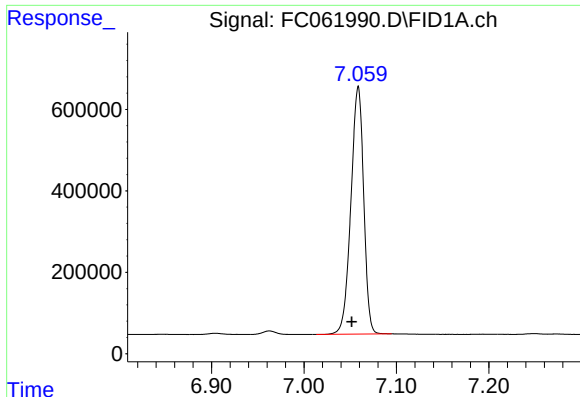
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.009 min
Response: 6120834
Conc: 39.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 6087185
Conc: 41.93 ug/ml



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

R.T.: 7.059 min
Delta R.T.: 0.007 min
Response: 5841447
Conc: 38.51 ug/ml

Instrument :

FID_C

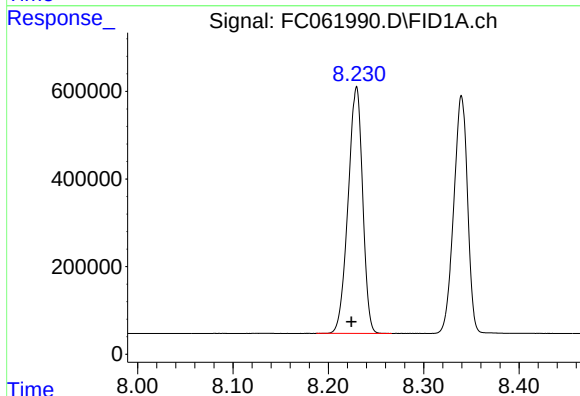
ClientSampleId :

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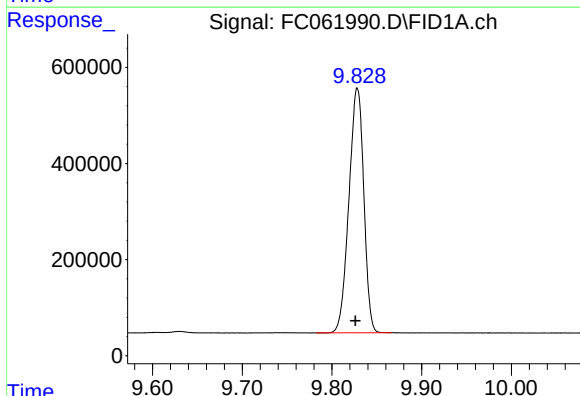
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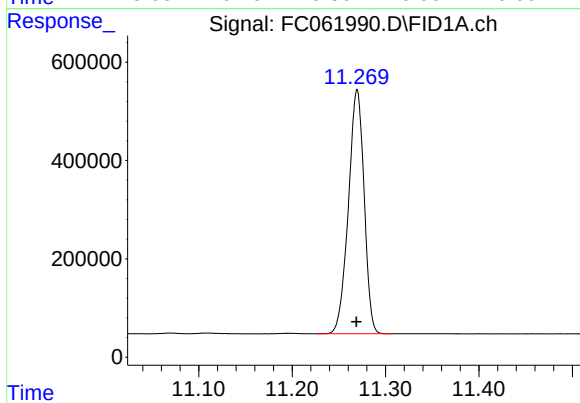
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: 0.006 min
Response: 5987687
Conc: 41.19 ug/ml



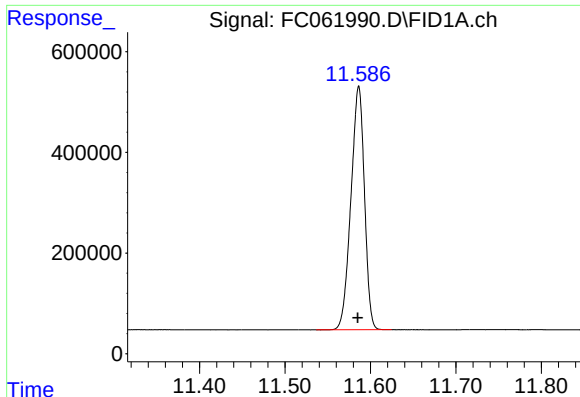
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.002 min
Response: 5868268
Conc: 40.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 5797697
Conc: 40.11 ug/ml



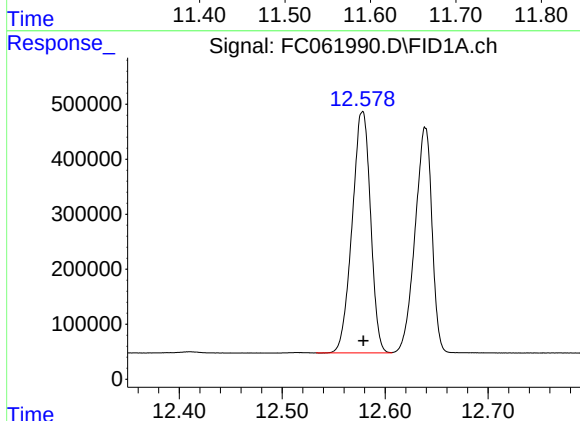
#9 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: 0.001 min
Response: 5312796
Conc: 35.74 ug/ml

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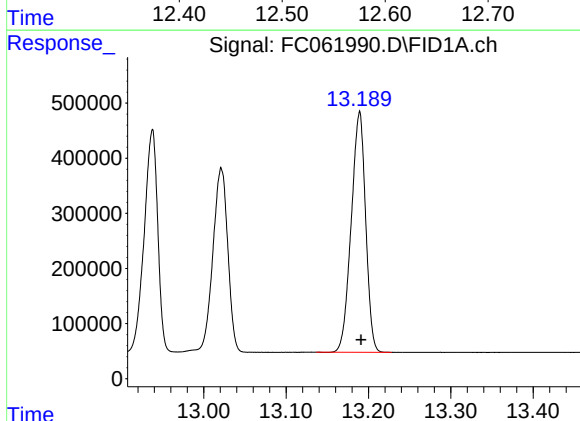
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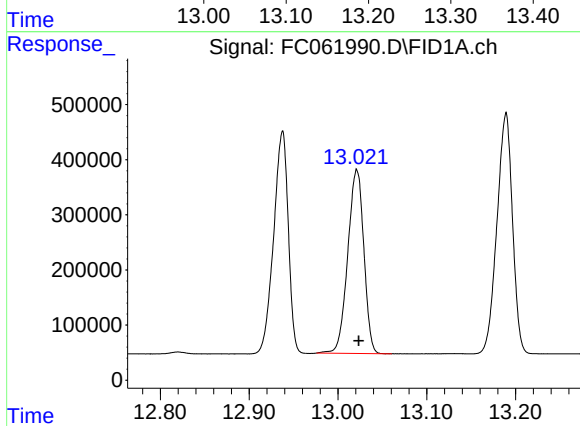
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.001 min
Response: 5441946
Conc: 38.56 ug/ml



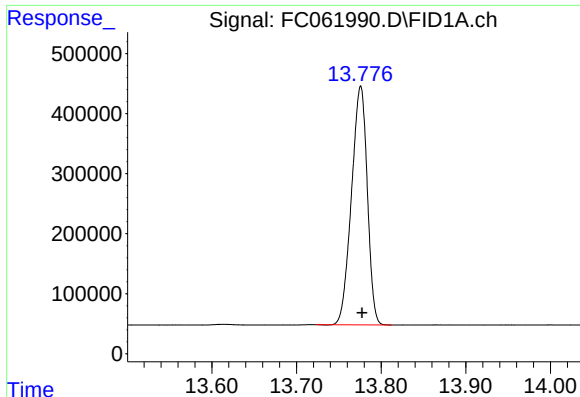
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 5308822
Conc: 38.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 4179199
Conc: 35.87 ug/ml



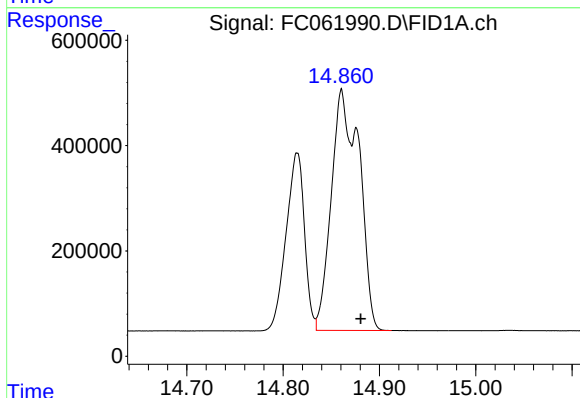
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: -0.002 min
Response: 5156087
Conc: 37.61 ug/ml

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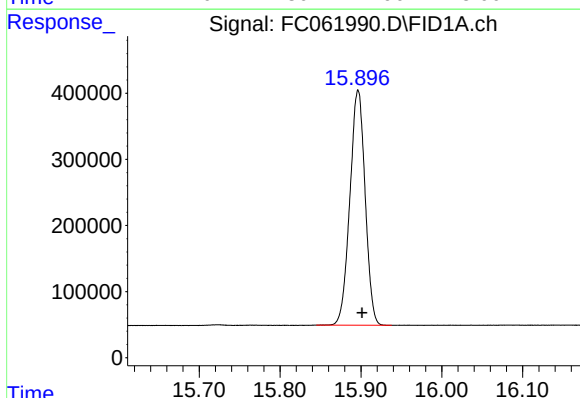
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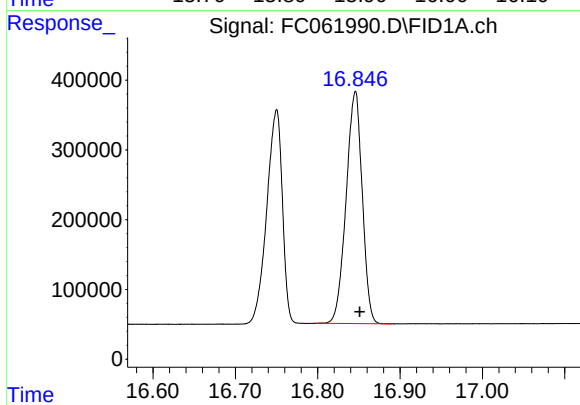
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.020 min
Response: 9227193
Conc: 69.83 ug/ml m



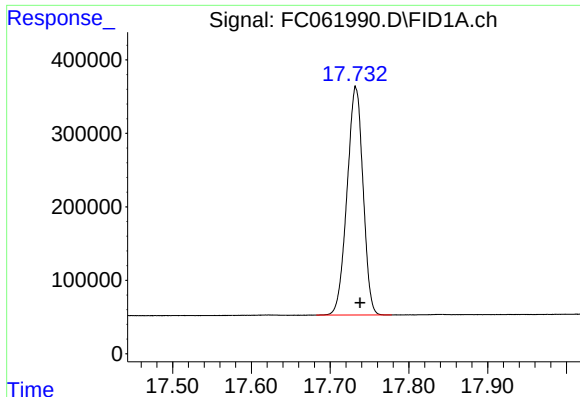
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.005 min
Response: 4662130
Conc: 37.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 4521326
Conc: 37.49 ug/ml



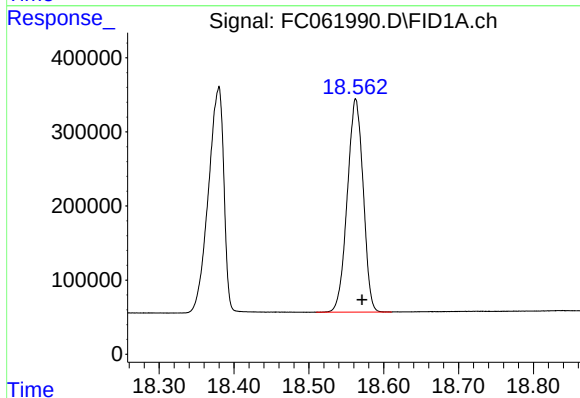
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.005 min
Response: 4378904
Conc: 36.80 ug/ml

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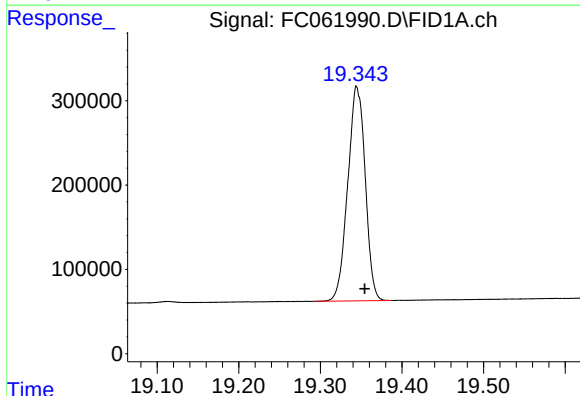
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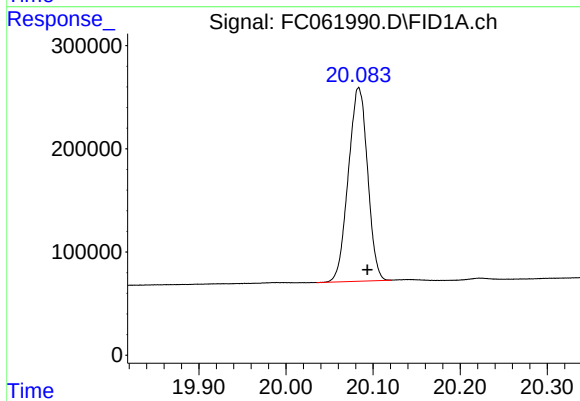
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.008 min
Response: 4235445
Conc: 35.95 ug/ml



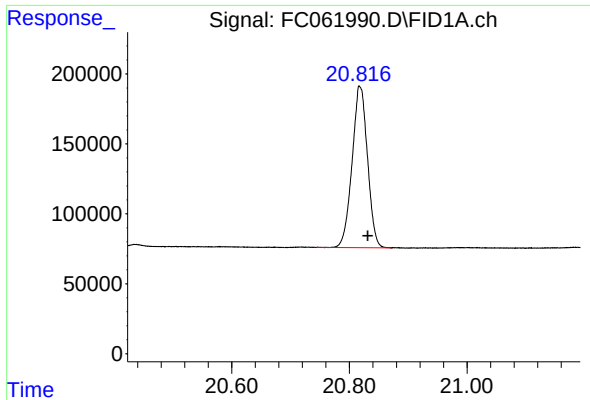
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.010 min
Response: 3784684
Conc: 33.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.010 min
Response: 2878512
Conc: 25.38 ug/ml



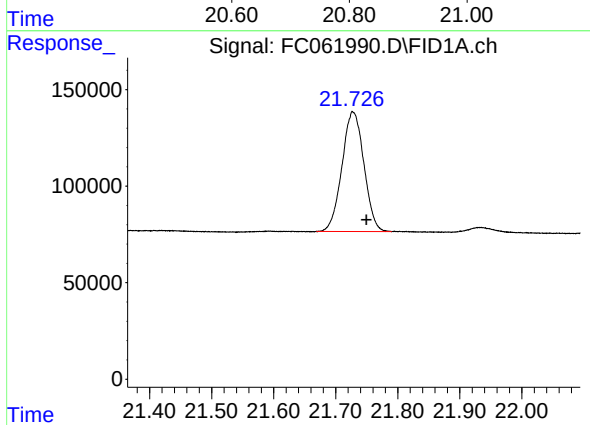
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.014 min
Response: 2092423
Conc: 18.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: -0.022 min
Response: 1523510
Conc: 13.57 ug/ml