

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083122AL\
 Data File : FC061388.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 18:59
 Operator : YP/AJ
 Sample : PB147373BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147373BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 05:17:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 Qlast Update : Wed Aug 31 11:58:37 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)	11.582	7453327	42.102 ug/ml
Spiked Amount 50.000		Recovery =	84.20%
12) S 1-chlorooctadecane (S...	13.018	5886975	42.035 ug/ml
Spiked Amount 50.000		Recovery =	84.07%
Target Compounds			
1) T n-Nonane (C9)	3.345	5992283	39.634 ug/ml
2) T n-Decane (C10)	4.409	6134783	40.430 ug/ml
3) T A~Naphthalene (C11.7)	5.989	6758168	39.042 ug/ml
4) T n-Dodecane (C12)	6.422	6449928	41.647 ug/ml
5) T A~2-methylnaphthalene...	7.045	6717674	38.151 ug/ml
6) T n-Tetradecane (C14)	8.221	6762899	43.237 ug/ml
7) T n-Hexadecane (C16)	9.822	7166929	45.756 ug/ml
8) T n-Octadecane (C18)	11.266	7387561	46.826 ug/ml
10) T n-Eicosane (C20)	12.575	7202232	46.329 ug/ml
11) T n-Heneicosane (C21)	13.187	7119965	45.519 ug/ml
13) T n-Docosane (C22)	13.774	7004634	45.139 ug/ml
14) T n-Tetracosane (C24)	14.875	5761582	37.243 ug/ml
15) T n-Hexacosane (C26)	15.898	6529878	43.387 ug/ml
16) T n-Octacosane (C28)	16.845	6317667	42.772 ug/ml
17) T n-Tricontane (C30)	17.734	6024788	43.620 ug/ml
18) T n-Dotriacontane (C32)	18.564	5902785	53.777 ug/ml
19) T n-Tetratriacontane (C34)	19.347	5870347	76.053 ug/mlm
20) T n-Hexatriacontane (C36)	20.086	5479330	97.051 ug/mlm
21) T n-Octatriacontane (C38)	20.821	5594614	120.596 ug/ml
22) T n-Tetracontane (C40)	21.738	5579910	133.033 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147373BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

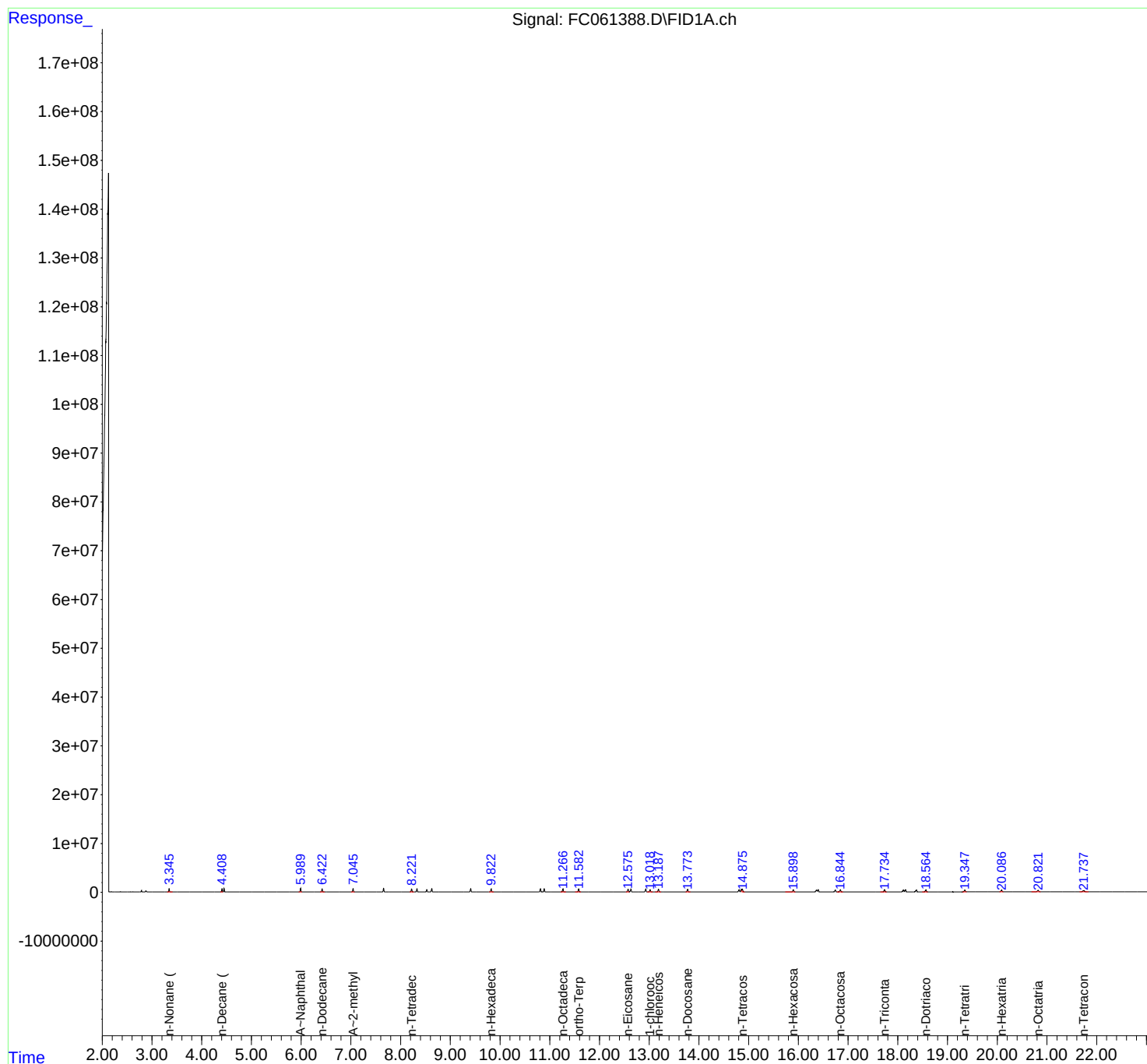
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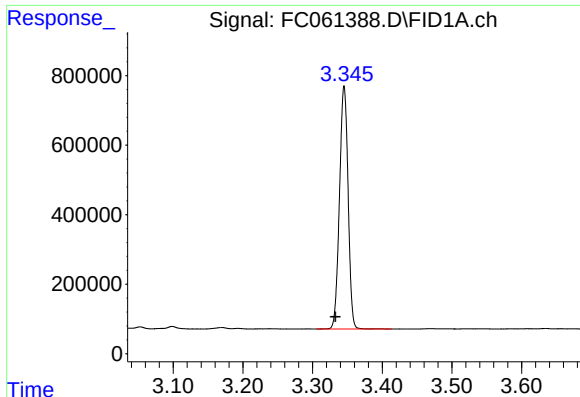
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#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.012 min
Response: 5992283
Conc: 39.63 ug/ml

Instrument :

FID_C

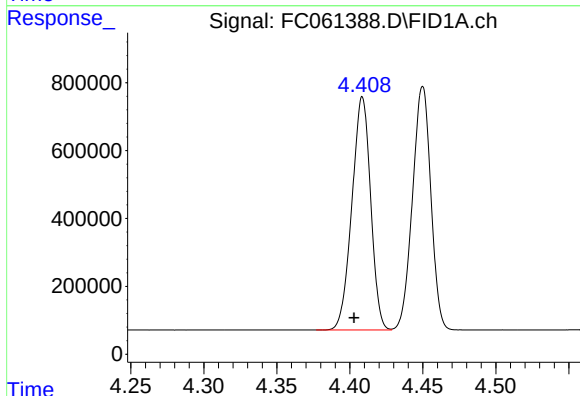
ClientSampleId :

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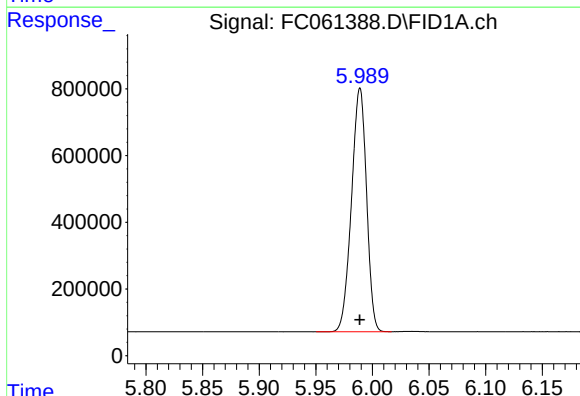
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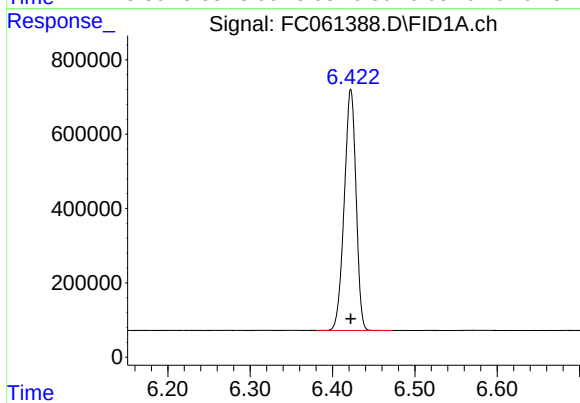
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.006 min
Response: 6134783
Conc: 40.43 ug/ml



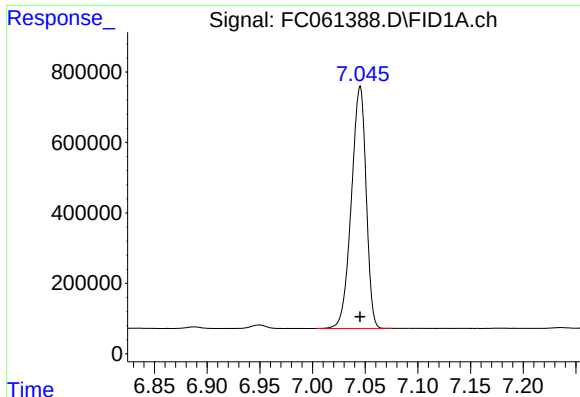
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 6758168
Conc: 39.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 6449928
Conc: 41.65 ug/ml



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

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 6717674
Conc: 38.15 ug/ml

Instrument :

FID_C

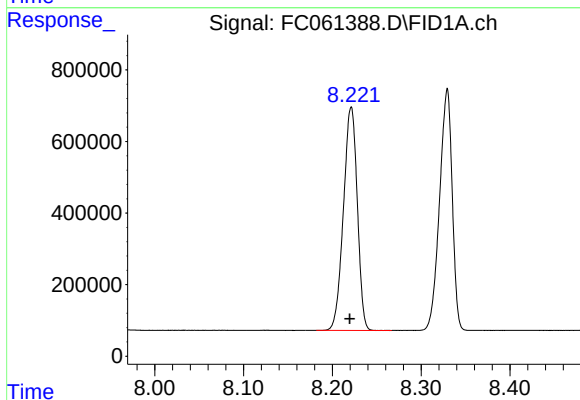
ClientSampleId :

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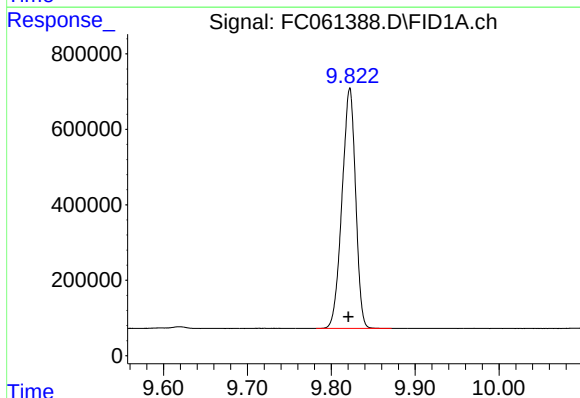
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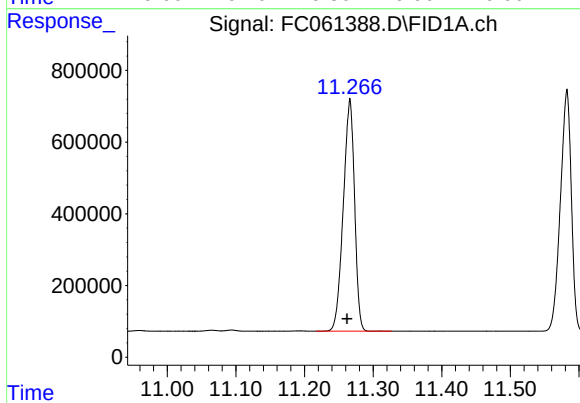
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 6762899
Conc: 43.24 ug/ml



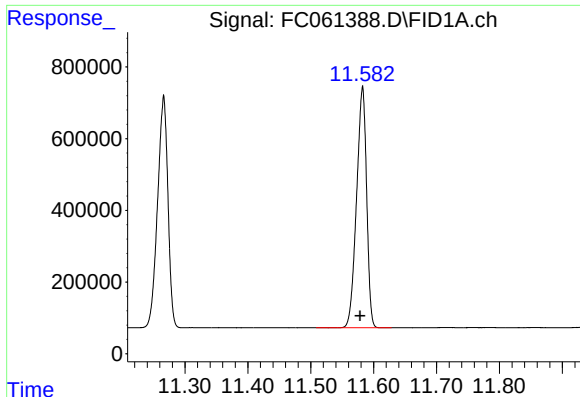
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: 0.002 min
Response: 7166929
Conc: 45.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.004 min
Response: 7387561
Conc: 46.83 ug/ml



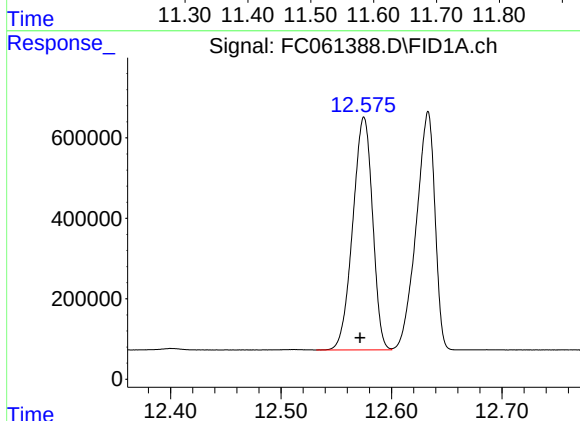
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.004 min
Response: 7453327
Conc: 42.10 ug/ml

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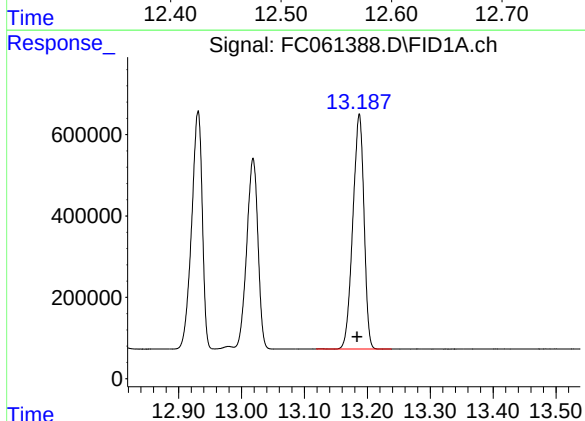
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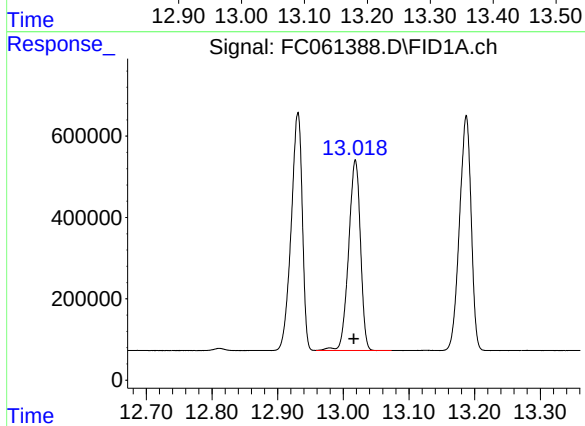
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: 0.004 min
Response: 7202232
Conc: 46.33 ug/ml



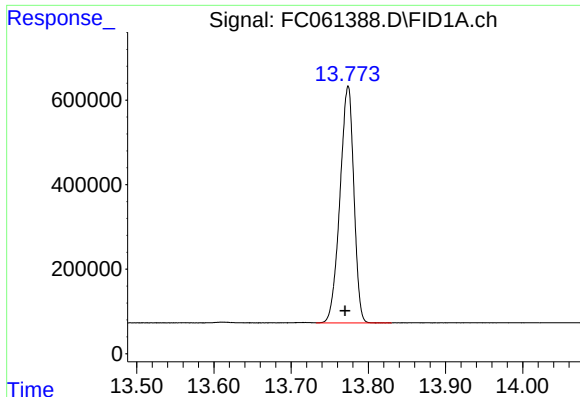
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: 0.003 min
Response: 7119965
Conc: 45.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: 0.002 min
Response: 5886975
Conc: 42.03 ug/ml



#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: 0.004 min
Response: 7004634
Conc: 45.14 ug/ml

Instrument :

FID_C

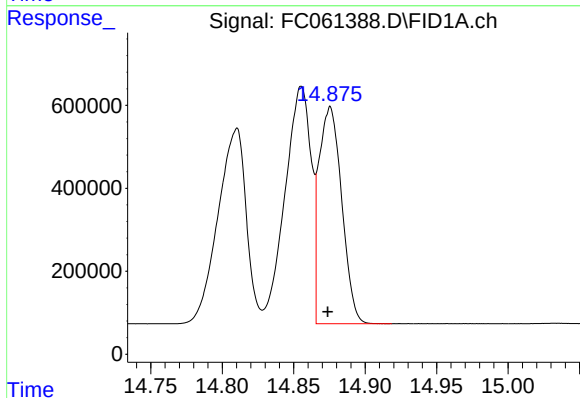
ClientSampleId :

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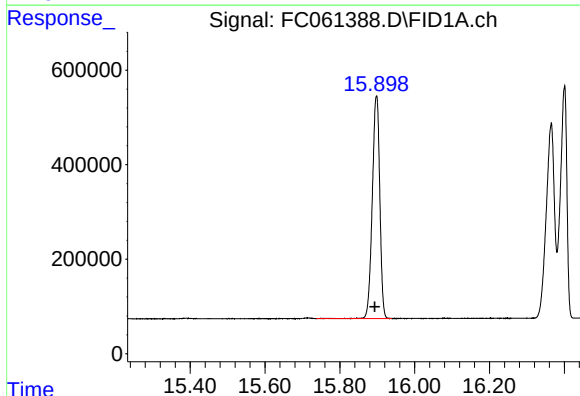
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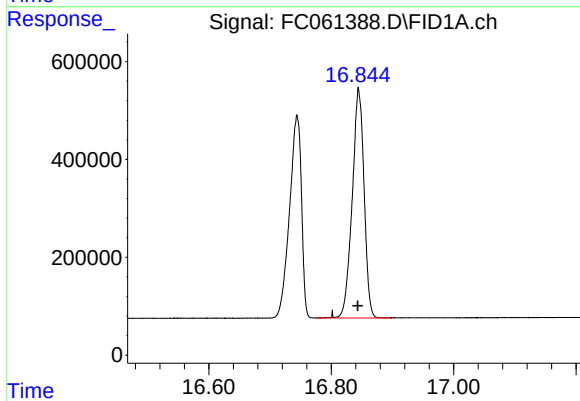
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.001 min
Response: 5761582
Conc: 37.24 ug/ml



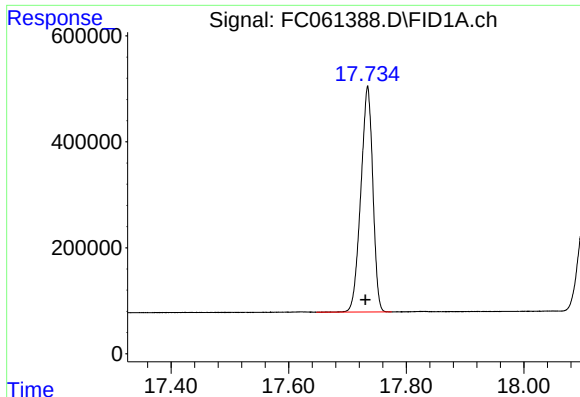
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.004 min
Response: 6529878
Conc: 43.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.001 min
Response: 6317667
Conc: 42.77 ug/ml



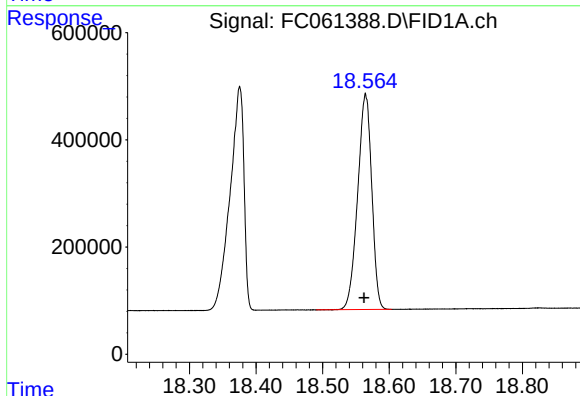
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.004 min
Response: 6024788
Conc: 43.62 ug/ml

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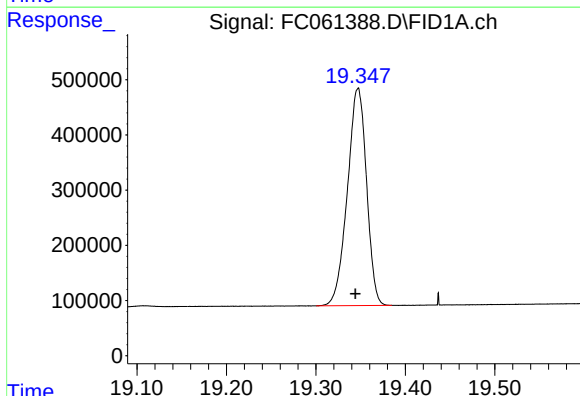
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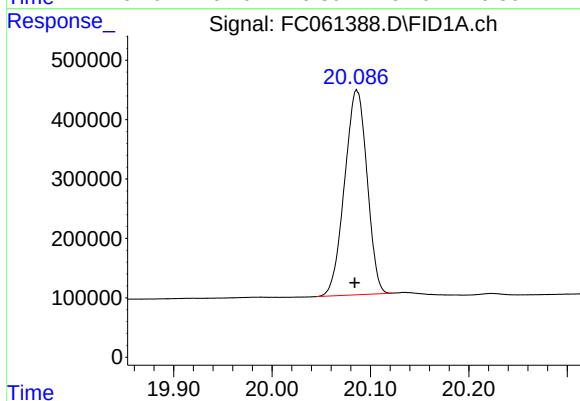
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.002 min
Response: 5902785
Conc: 53.78 ug/ml



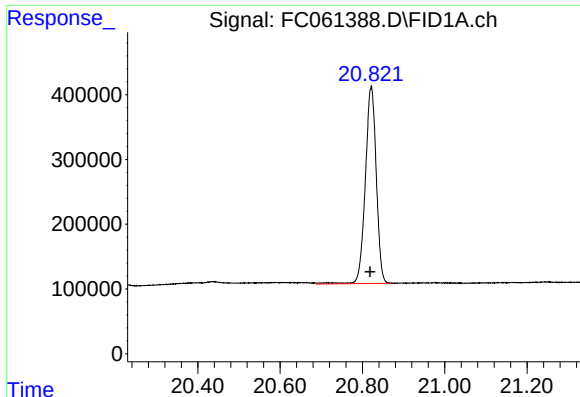
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.003 min
Response: 5870347
Conc: 76.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.002 min
Response: 5479330
Conc: 97.05 ug/ml m



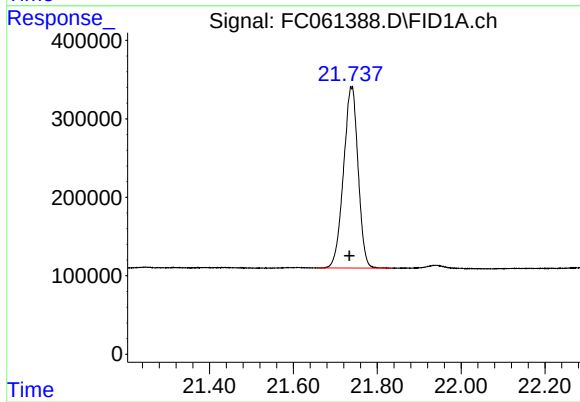
#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: 0.002 min
Response: 5594614
Conc: 120.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: 0.005 min
Response: 5579910
Conc: 133.03 ug/ml