

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102822AL\
 Data File : FC061989.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 10:55
 Operator : YP/AJ
 Sample : PB148593BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148593BS

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 04:51:27 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)	11.589	5574967	37.506 ug/ml
Spiked Amount 50.000		Recovery =	75.01%
12) S 1-chlorooctadecane (S...	13.021	4396317	37.736 ug/ml
Spiked Amount 50.000		Recovery =	75.47%
Target Compounds			
1) T n-Nonane (C9)	3.373	5962103	42.386 ug/ml
2) T n-Decane (C10)	4.428	6066993	42.502 ug/ml
3) T A~Naphthalene (C11.7)	6.006	6329483	41.006 ug/ml
4) T n-Dodecane (C12)	6.435	6251106	43.061 ug/ml
5) T A~2-methylnaphthalene...	7.060	6062548	39.965 ug/ml
6) T n-Tetradecane (C14)	8.231	6178509	42.504 ug/ml
7) T n-Hexadecane (C16)	9.830	6089204	41.814 ug/ml
8) T n-Octadecane (C18)	11.271	6051061	41.864 ug/ml
10) T n-Eicosane (C20)	12.579	5692801	40.335 ug/ml
11) T n-Heneicosane (C21)	13.190	5570369	40.145 ug/ml
13) T n-Docosane (C22)	13.776	5413376	39.487 ug/ml
14) T n-Tetracosane (C24)	14.862	9655281	73.073 ug/mlm
15) T n-Hexacosane (C26)	15.898	4882071	38.745 ug/ml
16) T n-Octacosane (C28)	16.846	4729154	39.212 ug/ml
17) T n-Tricontane (C30)	17.734	4563874	38.357 ug/ml
18) T n-Dotriacontane (C32)	18.565	4409099	37.422 ug/ml
19) T n-Tetratriacontane (C34)	19.348	3996595	35.376 ug/ml
20) T n-Hexatriacontane (C36)	20.085	3158299	27.849 ug/ml
21) T n-Octatriacontane (C38)	20.819	2410071	21.419 ug/ml
22) T n-Tetracontane (C40)	21.732	1853015	16.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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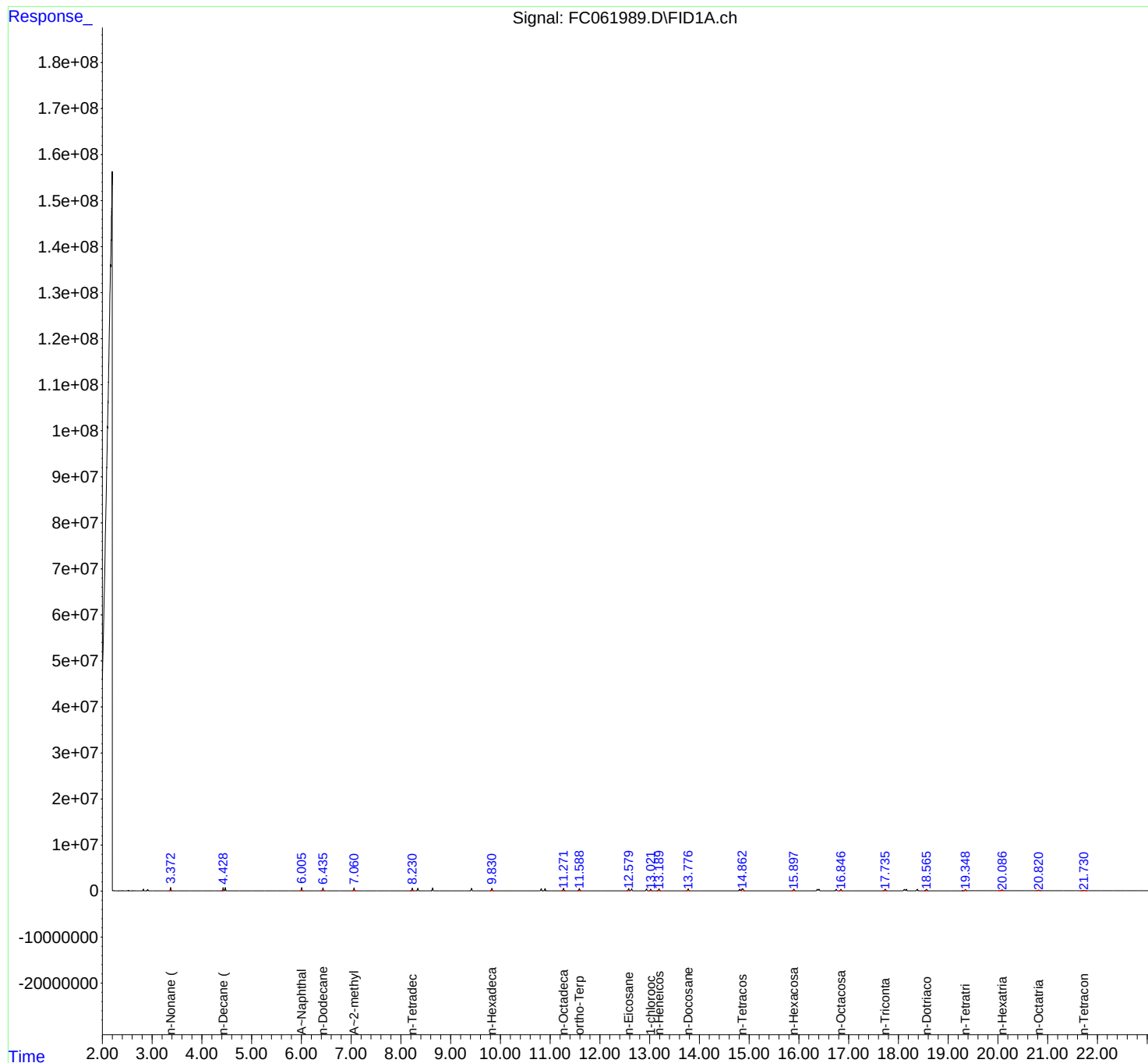
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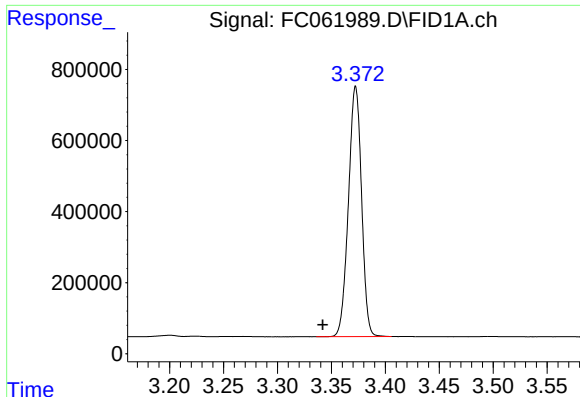
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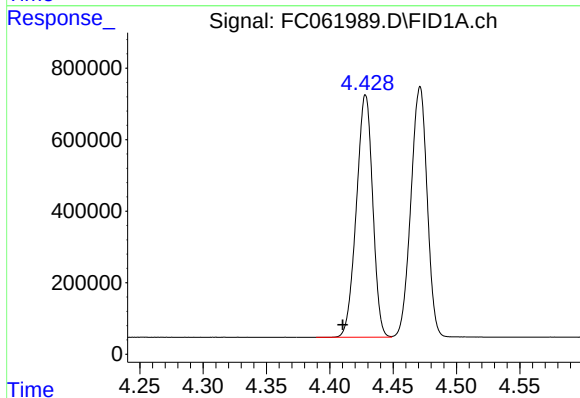
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: 0.031 min
Response: 5962103
Conc: 42.39 ug/ml

Instrument :
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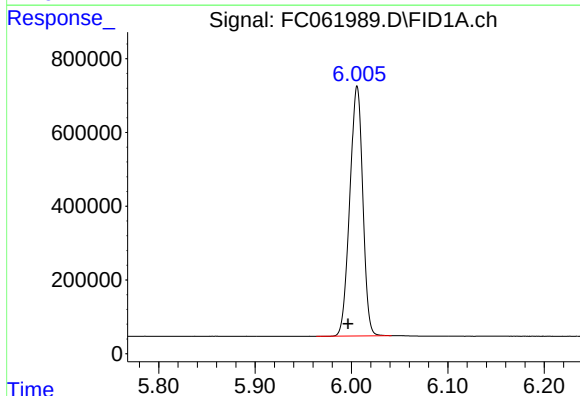
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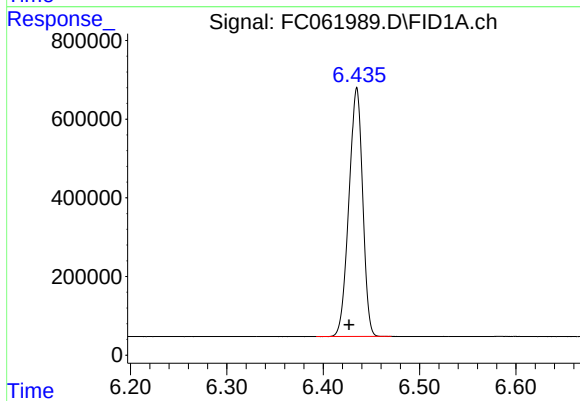
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.018 min
Response: 6066993
Conc: 42.50 ug/ml



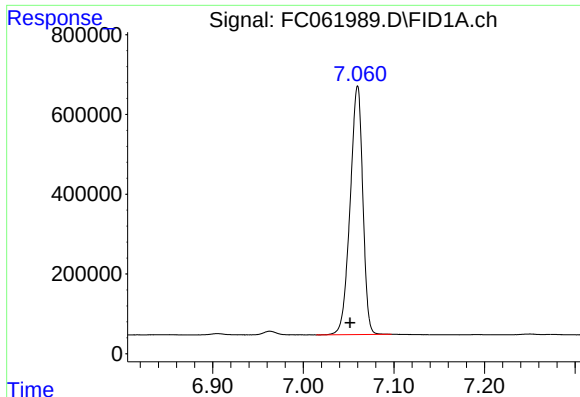
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.009 min
Response: 6329483
Conc: 41.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: 0.008 min
Response: 6251106
Conc: 43.06 ug/ml



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

R.T.: 7.060 min
Delta R.T.: 0.008 min
Response: 6062548
Conc: 39.96 ug/ml

Instrument :

FID_C

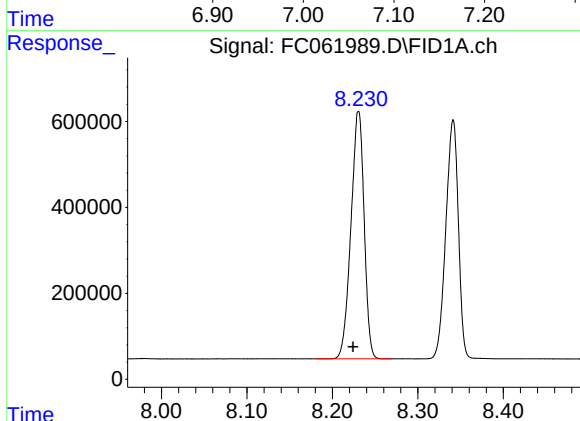
ClientSampleId :

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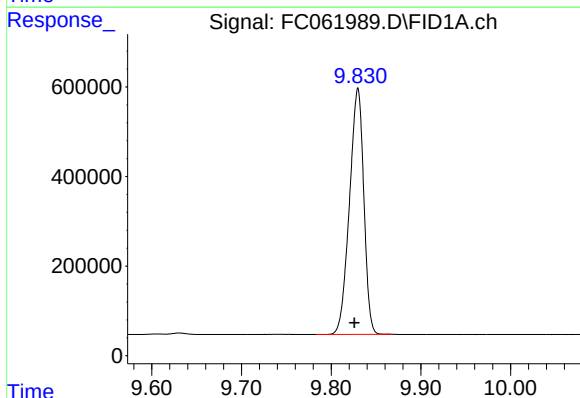
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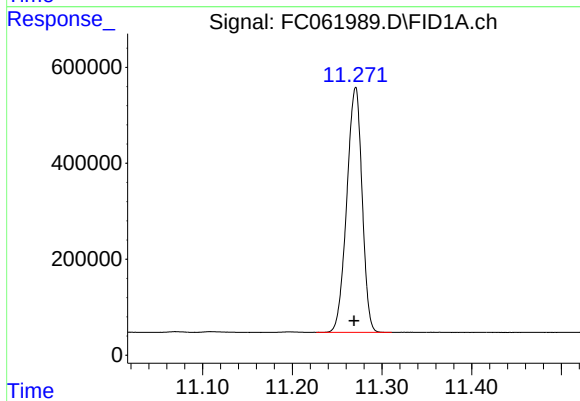
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: 0.007 min
Response: 6178509
Conc: 42.50 ug/ml



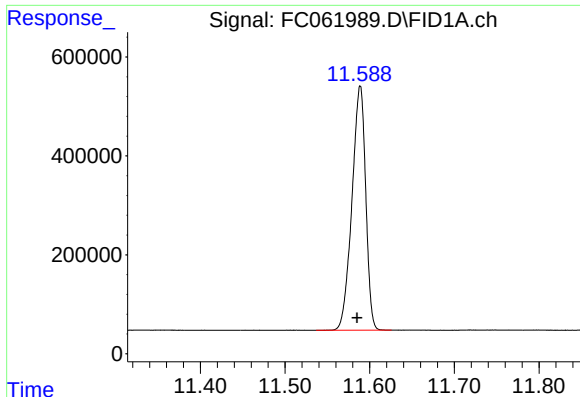
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: 0.004 min
Response: 6089204
Conc: 41.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 6051061
Conc: 41.86 ug/ml



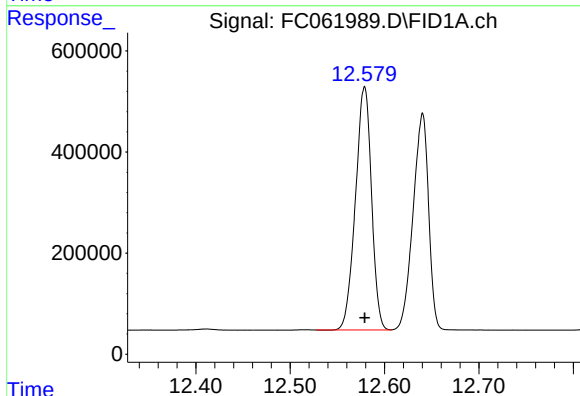
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: 0.004 min
Response: 5574967
Conc: 37.51 ug/ml

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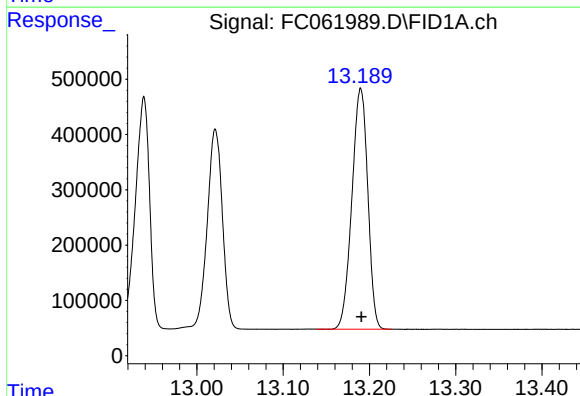
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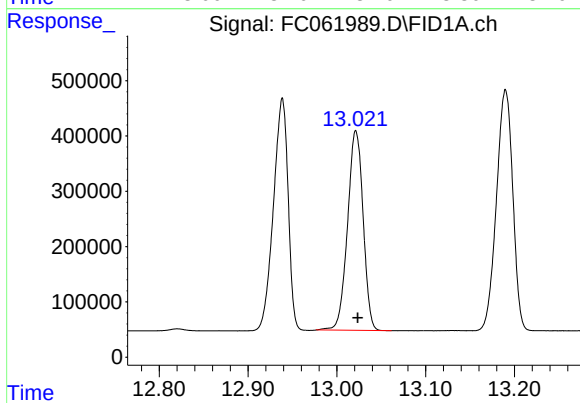
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.000 min
Response: 5692801
Conc: 40.34 ug/ml



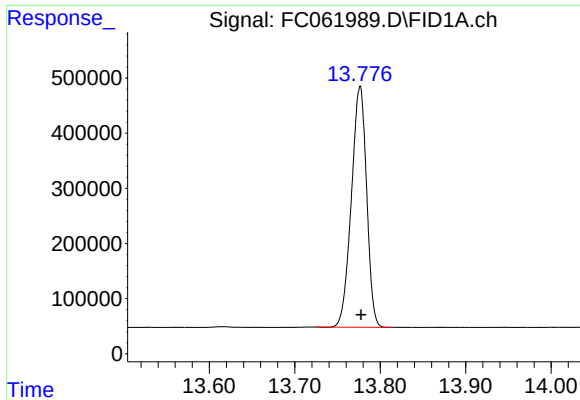
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 5570369
Conc: 40.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 4396317
Conc: 37.74 ug/ml



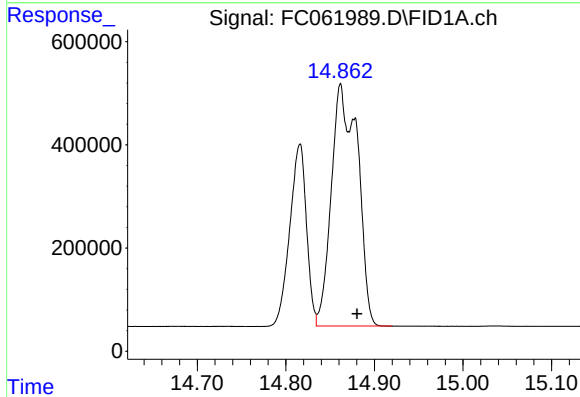
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: -0.001 min
Response: 5413376
Conc: 39.49 ug/ml

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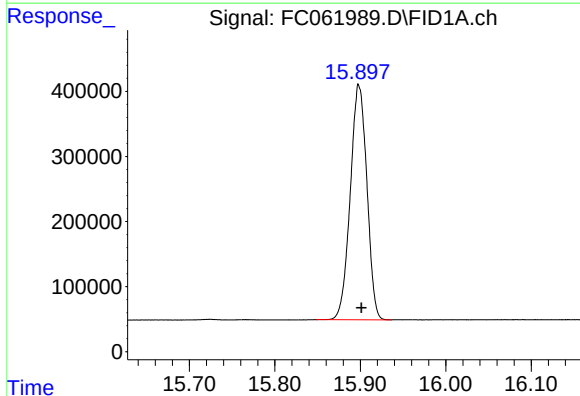
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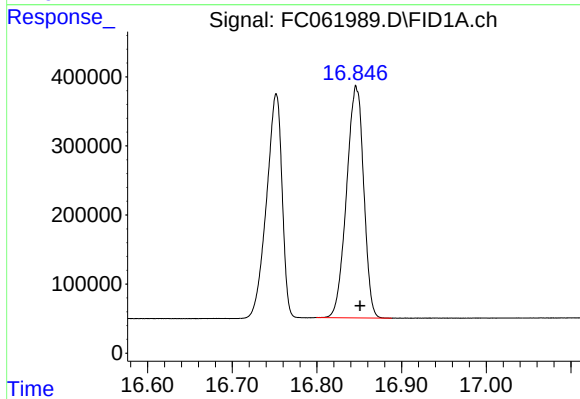
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.019 min
Response: 9655281
Conc: 73.07 ug/ml m



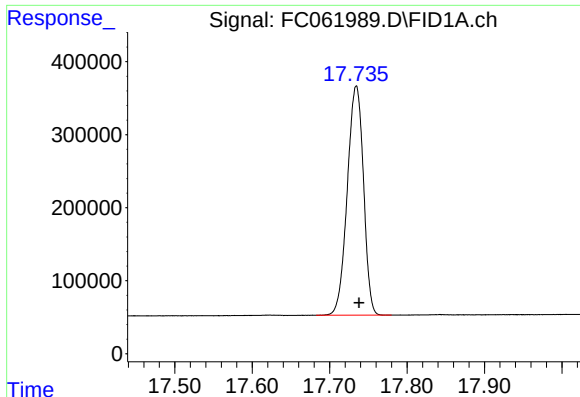
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.003 min
Response: 4882071
Conc: 38.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 4729154
Conc: 39.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 4563874
Conc: 38.36 ug/ml

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FID_C

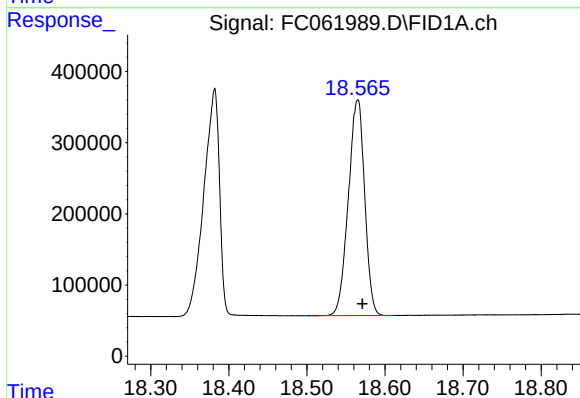
ClientSampleId :

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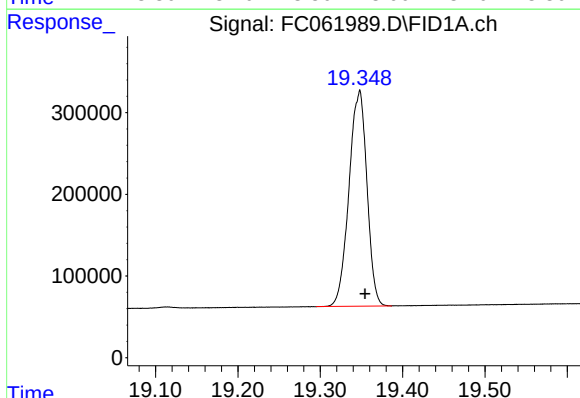
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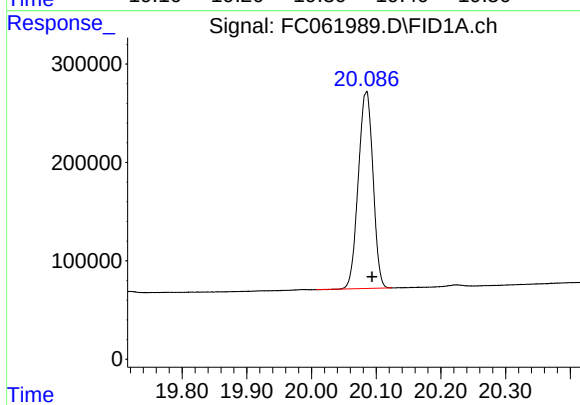
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 4409099
Conc: 37.42 ug/ml



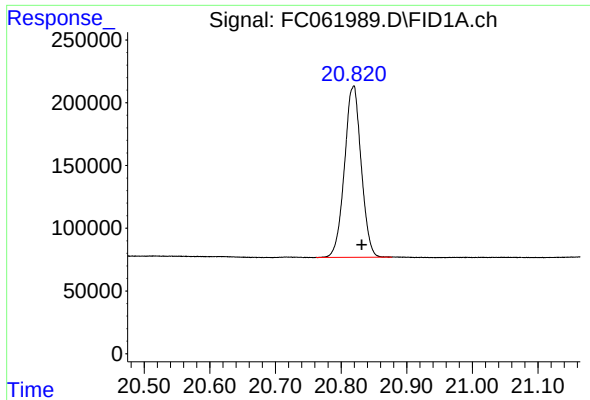
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.007 min
Response: 3996595
Conc: 35.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 3158299
Conc: 27.85 ug/ml



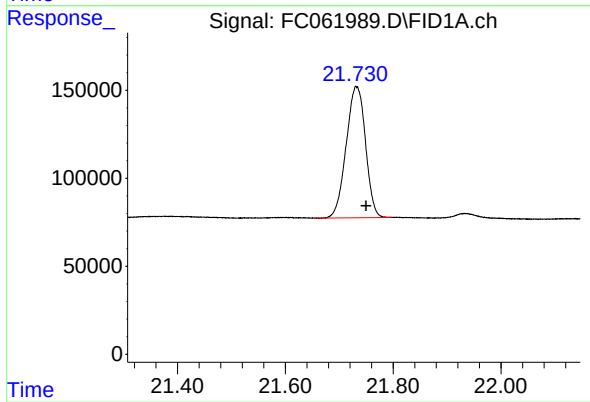
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.012 min
Response: 2410071
Conc: 21.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.018 min
Response: 1853015
Conc: 16.51 ug/ml