

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041323AL\
 Data File : FC063371.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2023 19:55
 Operator : YP/AJ
 Sample : 02284-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-2-041123MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File: autoint1.e
 Quant Time: Apr 14 01:35:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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)	11.536	4949125	32.528 ug/ml
Spiked Amount 50.000		Recovery =	65.06%
12) S 1-chlorooctadecane (S...	12.973	4165939	37.651 ug/ml
Spiked Amount 50.000		Recovery =	75.30%
Target Compounds			
1) T n-Nonane (C9)	3.299	3638312	25.914 ug/ml
2) T n-Decane (C10)	4.367	4160787	30.533 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4783546	31.679 ug/ml
4) T n-Dodecane (C12)	6.386	4666669	34.690 ug/ml
5) T A~2-methylnaphthalene...	7.007	4816112	34.578 ug/ml
6) T n-Tetradecane (C14)	8.181	5136342	37.941 ug/ml
7) T n-Hexadecane (C16)	9.781	5500683	40.507 ug/ml
8) T n-Octadecane (C18)	11.222	5477348	39.544 ug/ml
10) T n-Eicosane (C20)	12.531	5722714	42.595 ug/ml
11) T n-Heneicosane (C21)	13.142	5424446	40.304 ug/ml
13) T n-Docosane (C22)	13.728	5575374	41.809 ug/ml
14) T n-Tetracosane (C24)	14.828	3670934	27.302 ug/mlm
15) T n-Hexacosane (C26)	15.850	5364416	40.077 ug/ml
16) T n-Octacosane (C28)	16.798	5683720	41.977 ug/ml
17) T n-Tricontane (C30)	17.686	5794266	41.886 ug/ml
18) T n-Dotriacontane (C32)	18.515	5483365	38.840 ug/ml
19) T n-Tetratriacontane (C34)	19.299	6080651	44.062 ug/ml
20) T n-Hexatriacontane (C36)	20.039	5407291	42.305 ug/mlm
21) T n-Octatriacontane (C38)	20.771	5767720	46.842 ug/ml
22) T n-Tetracontane (C40)	21.676	6111982	51.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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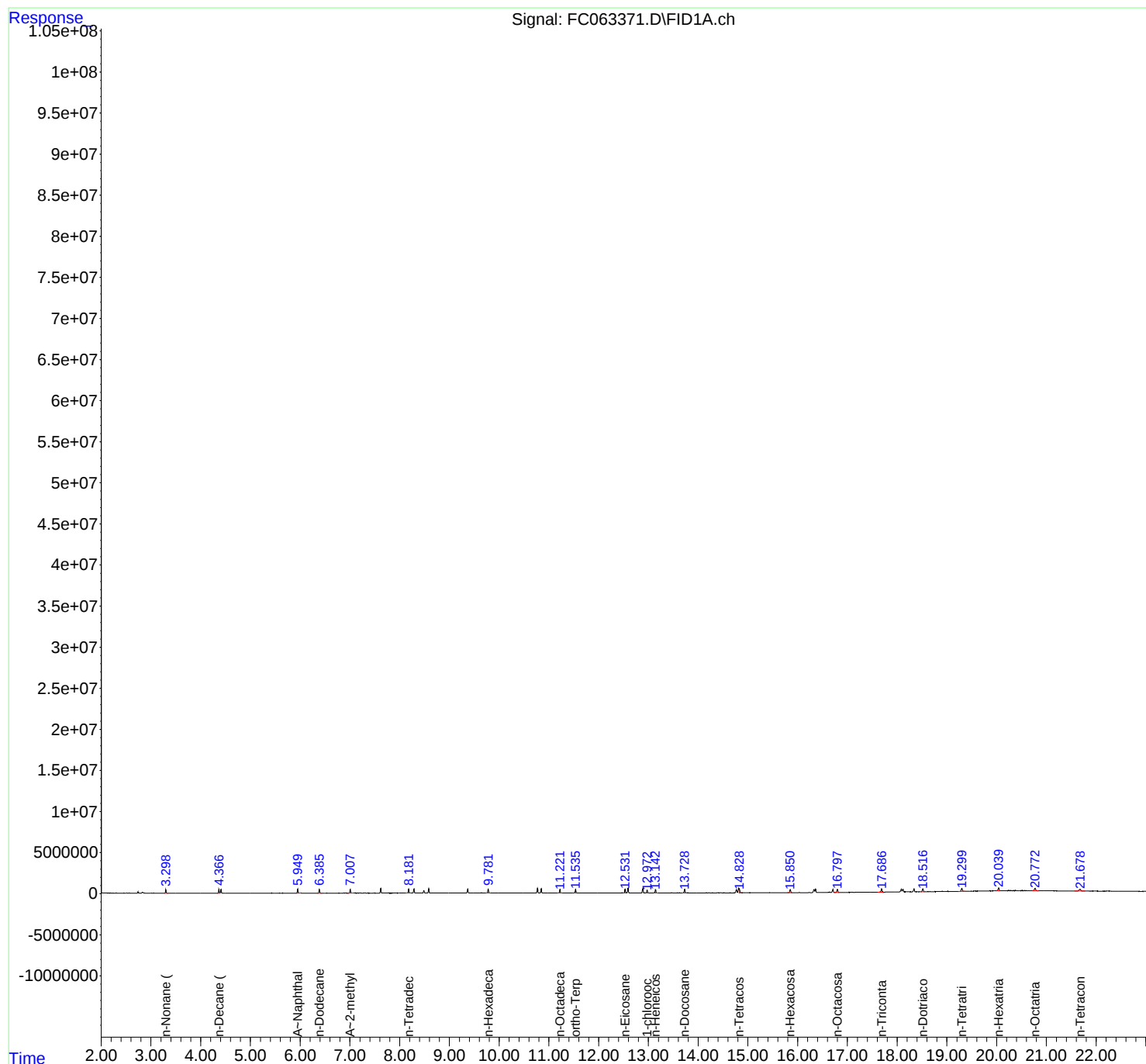
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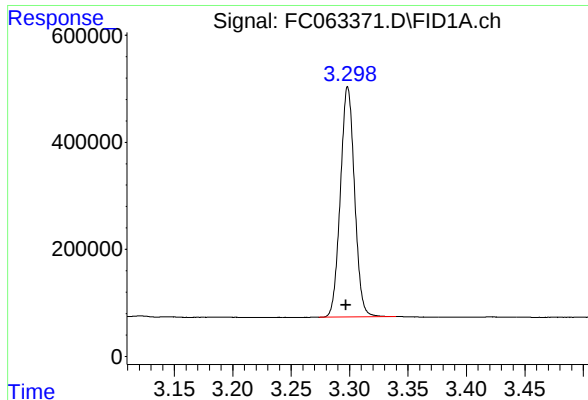
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#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 3638312
Conc: 25.91 ug/ml

Instrument :

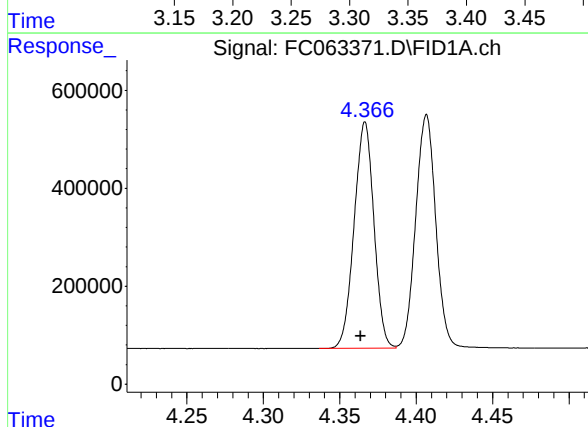
FID_C

ClientSampleId :

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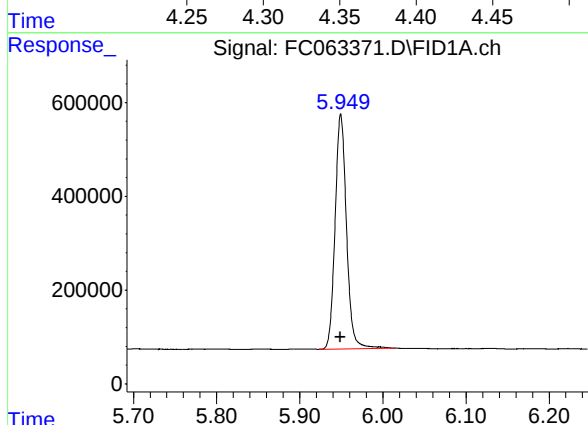
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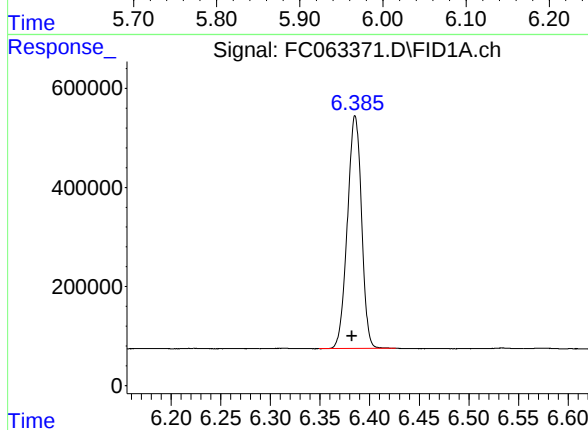
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 4160787
Conc: 30.53 ug/ml



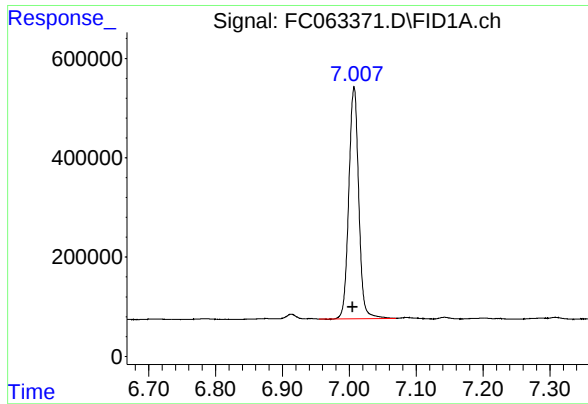
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 4783546
Conc: 31.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 4666669
Conc: 34.69 ug/ml



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

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 4816112
Conc: 34.58 ug/ml

Instrument :

FID_C

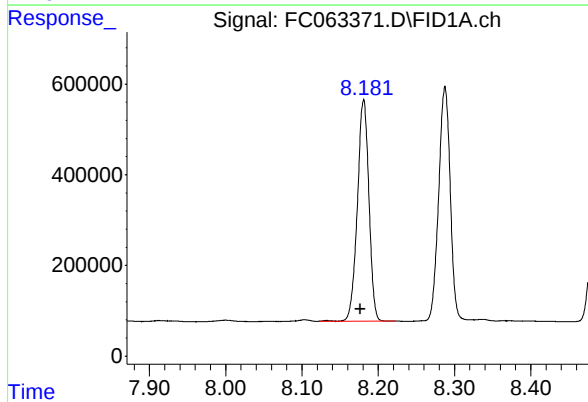
ClientSampleId :

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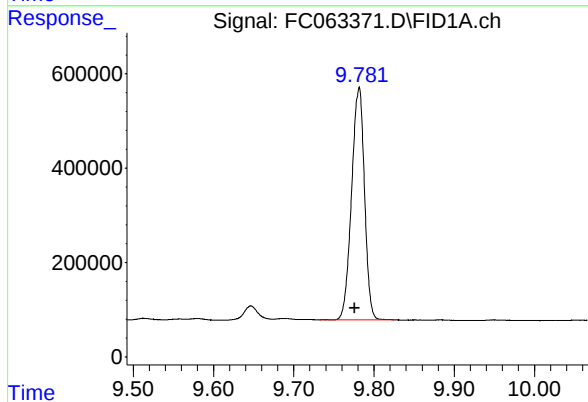
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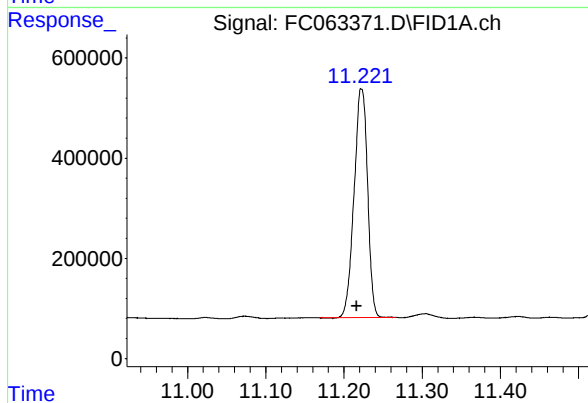
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.004 min
Response: 5136342
Conc: 37.94 ug/ml



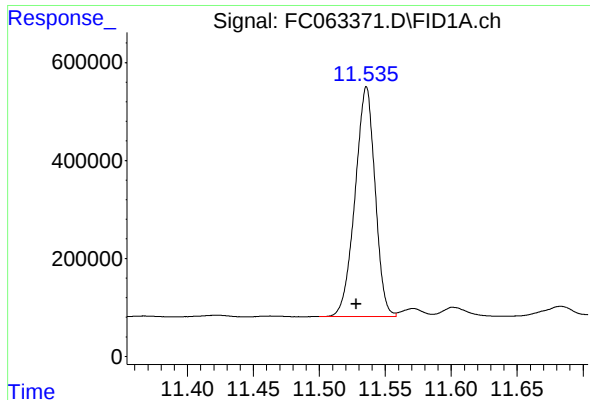
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.005 min
Response: 5500683
Conc: 40.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: 0.006 min
Response: 5477348
Conc: 39.54 ug/ml



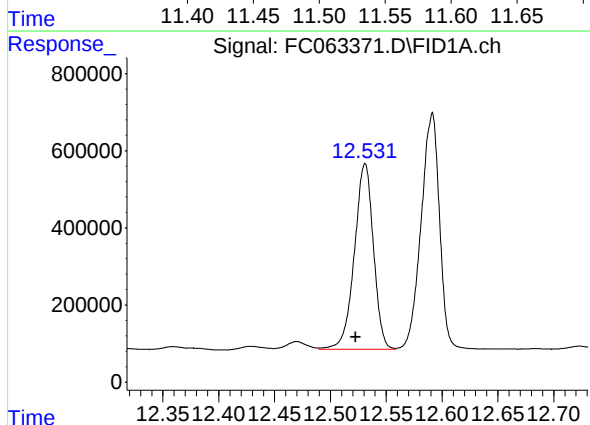
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.008 min
Response: 4949125
Conc: 32.53 ug/ml

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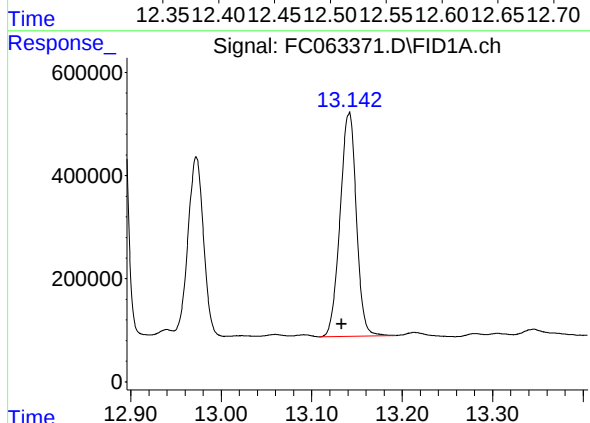
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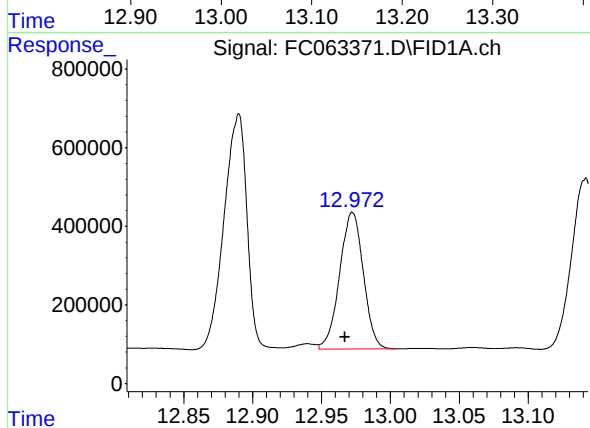
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: 0.009 min
Response: 5722714
Conc: 42.60 ug/ml



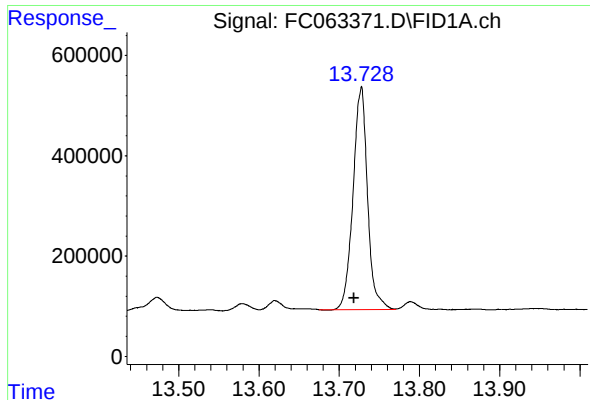
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.008 min
Response: 5424446
Conc: 40.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: 0.006 min
Response: 4165939
Conc: 37.65 ug/ml



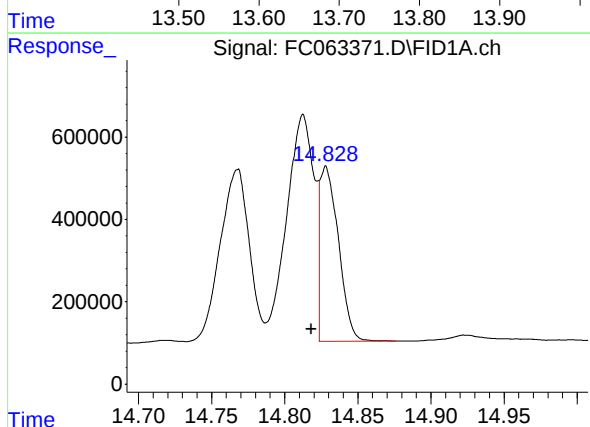
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: 0.009 min
Response: 5575374
Conc: 41.81 ug/ml

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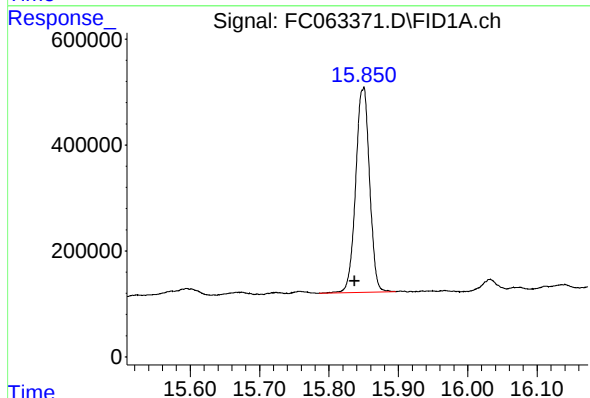
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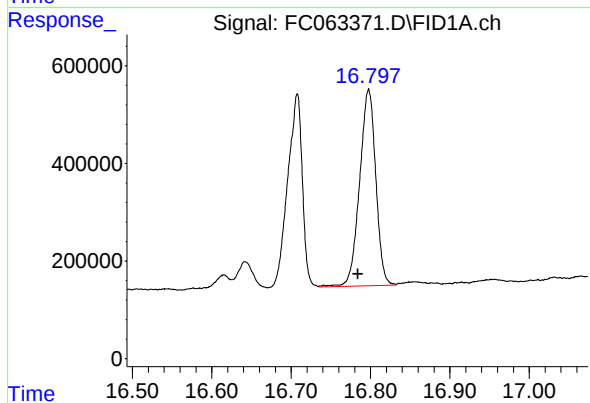
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: 0.009 min
Response: 3670934
Conc: 27.30 ug/ml m



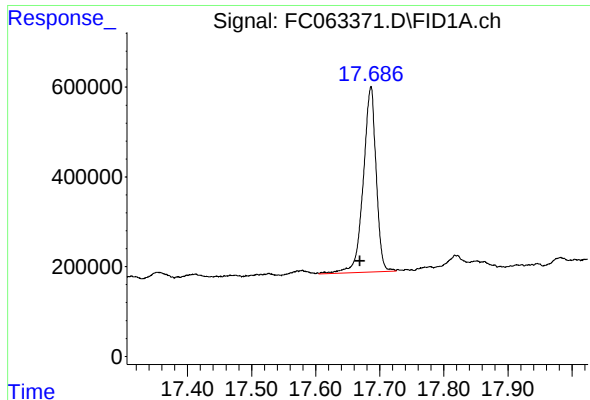
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.013 min
Response: 5364416
Conc: 40.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: 0.013 min
Response: 5683720
Conc: 41.98 ug/ml



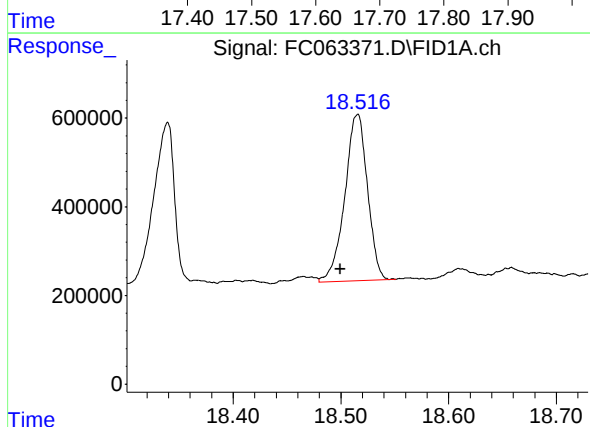
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: 0.017 min
Response: 5794266
Conc: 41.89 ug/ml

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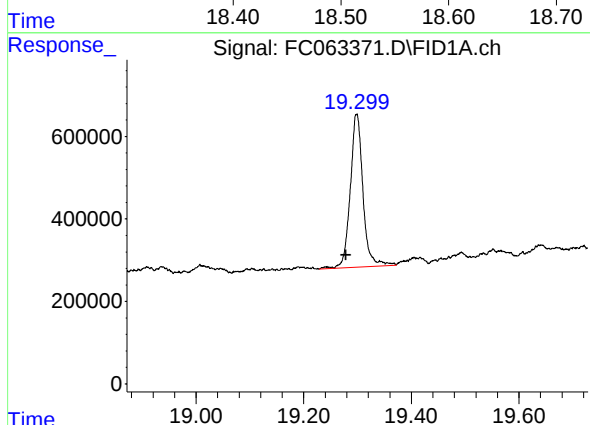
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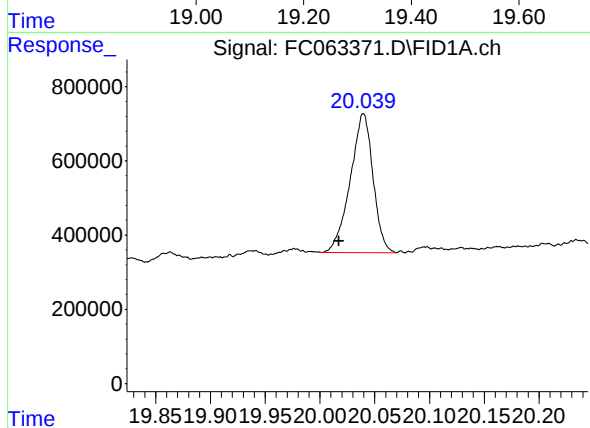
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: 0.016 min
Response: 5483365
Conc: 38.84 ug/ml



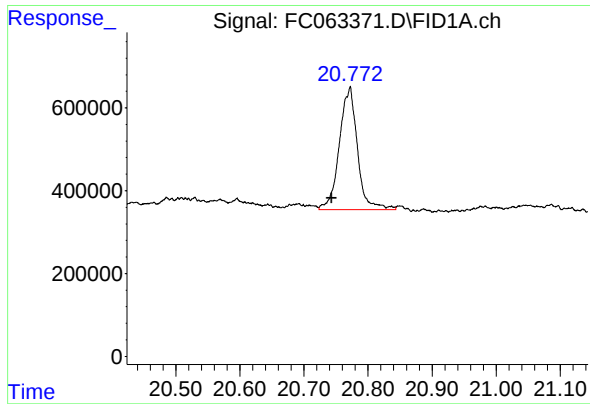
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: 0.020 min
Response: 6080651
Conc: 44.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: 0.022 min
Response: 5407291
Conc: 42.30 ug/ml m



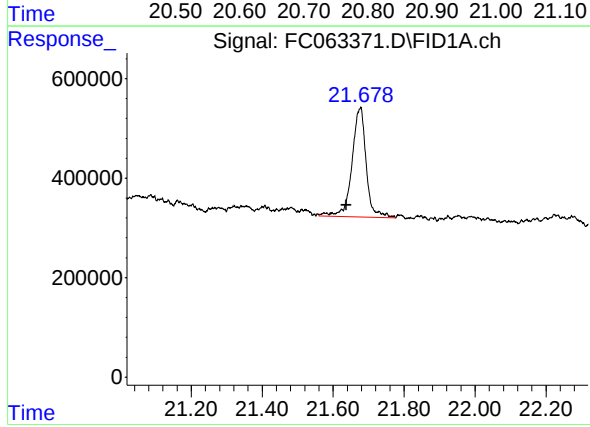
#21 n-Octatriacontane (C38)

R.T.: 20.771 min
Delta R.T.: 0.028 min
Response: 5767720
Conc: 46.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.676 min
Delta R.T.: 0.040 min
Response: 6111982
Conc: 51.94 ug/ml