

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
 Data File : FC060029.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jun 2022 7:51
 Operator : UA/NP
 Sample : N3104-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-7-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: Jun 01 09:38:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.650	3867424	24.851 ug/ml
Spiked Amount 50.000		Recovery =	49.70%
12) S 1-chlorooctadecane (S...	12.018	3039600	24.515 ug/mlm
Spiked Amount 50.000		Recovery =	49.03%
Target Compounds			
1) T n-Nonane (C9)	2.632	4068406	31.788 ug/ml
2) T n-Decane (C10)	3.628	4505456	35.218 ug/ml
3) T A~Naphthalene (C11.7)	5.160	5841802	40.417 ug/ml
4) T n-Dodecane (C12)	5.579	5324380	39.941 ug/ml
5) T A~2-methylnaphthalene...	6.186	6095151	41.529 ug/ml
6) T n-Tetradecane (C14)	7.334	5863536	42.952 ug/ml
7) T n-Hexadecane (C16)	8.897	6361529	45.340 ug/ml
8) T n-Octadecane (C18)	10.307	6855589	47.905 ug/ml
10) T n-Eicosane (C20)	11.588	6631348	46.480 ug/ml
11) T n-Heneicosane (C21)	12.184	6573387	45.859 ug/ml
13) T n-Docosane (C22)	12.758	6459298	45.329 ug/ml
14) T n-Tetracosane (C24)	13.832	11775016	83.909 ug/mlm
15) T n-Hexacosane (C26)	14.836	6009702	44.380 ug/ml
16) T n-Octacosane (C28)	15.762	5929158	45.526 ug/ml
17) T n-Tricontane (C30)	16.632	5338049	43.602 ug/ml
18) T n-Dotriacontane (C32)	17.442	5103151	45.770 ug/ml
19) T n-Tetratriacontane (C34)	18.207	4674613	45.832 ug/ml
20) T n-Hexatriacontane (C36)	18.930	4315505	45.571 ug/mlm
21) T n-Octatriacontane (C38)	19.611	4058377	43.987 ug/mlm
22) T n-Tetracontane (C40)	20.259	4021365	42.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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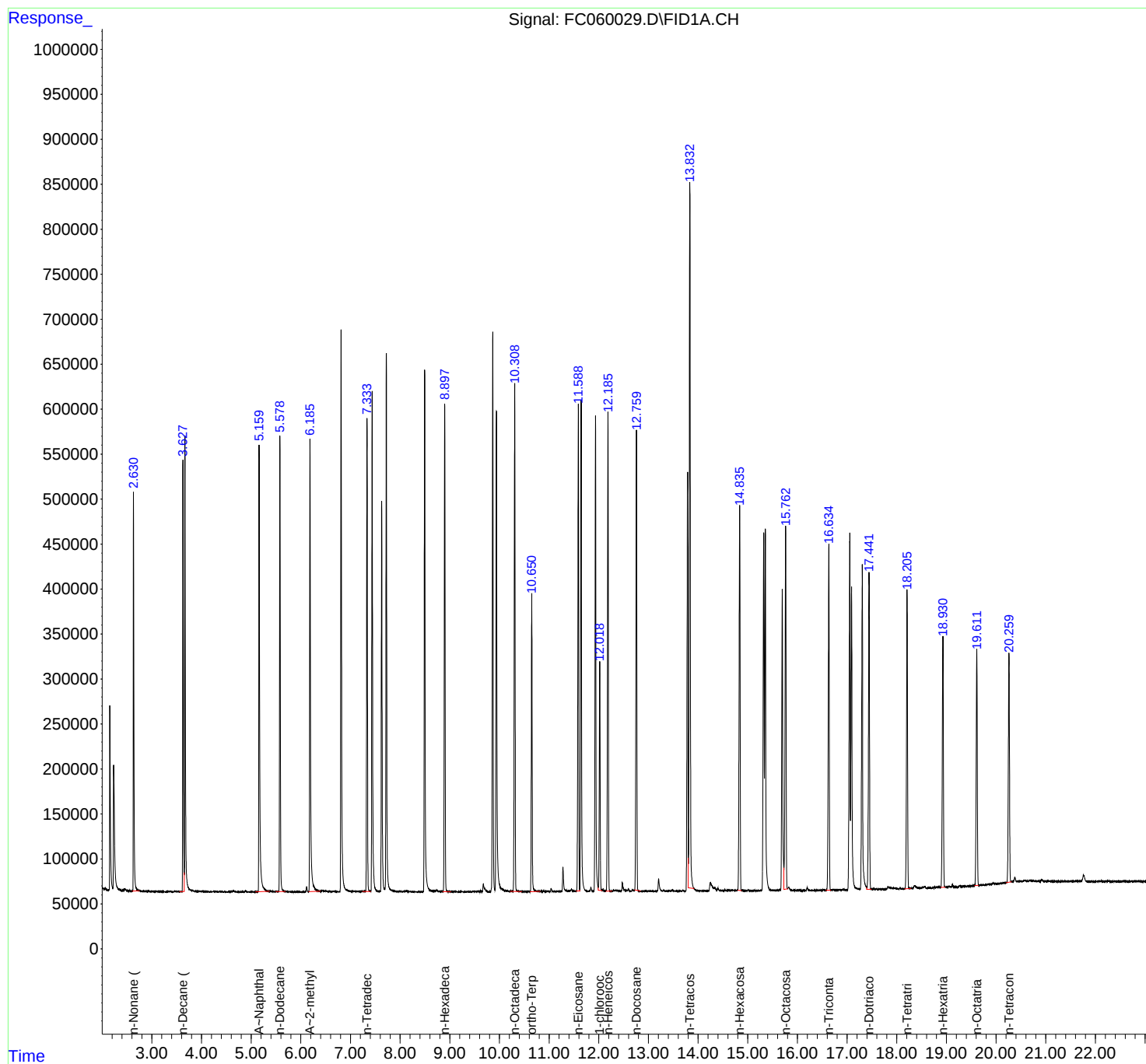
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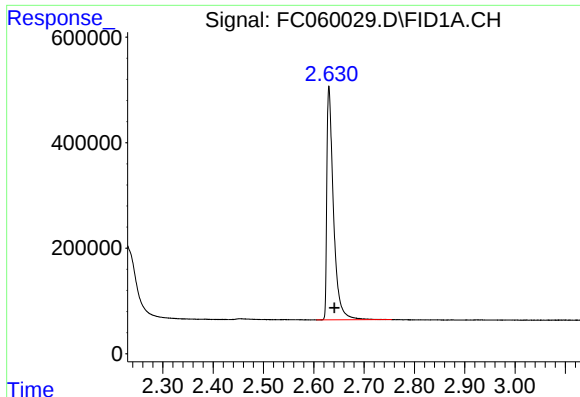
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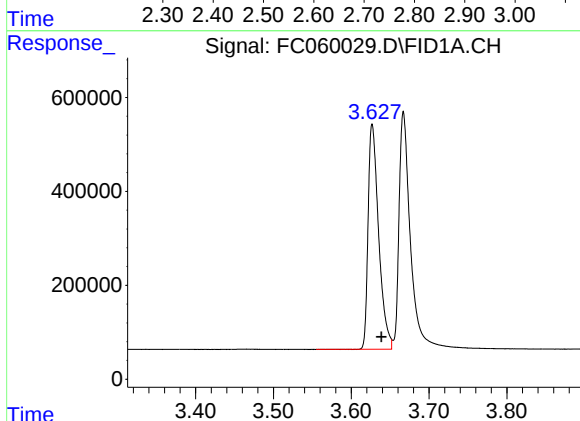
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.009 min
Response: 4068406
Conc: 31.79 ug/ml

Instrument :
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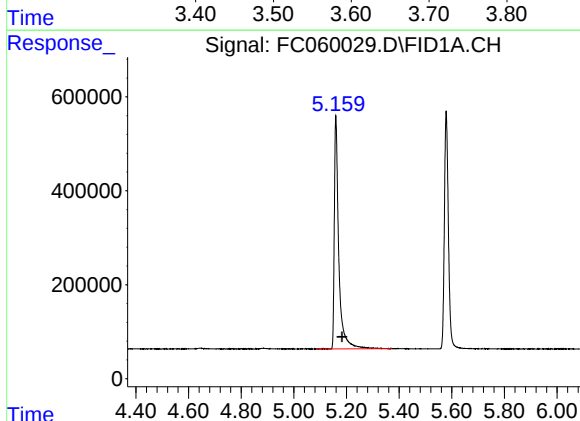
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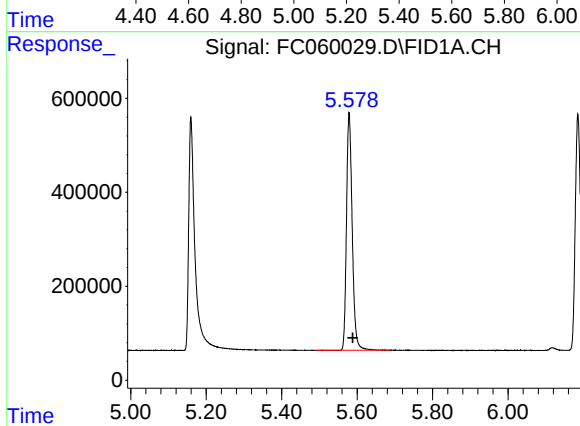
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 4505456
Conc: 35.22 ug/ml



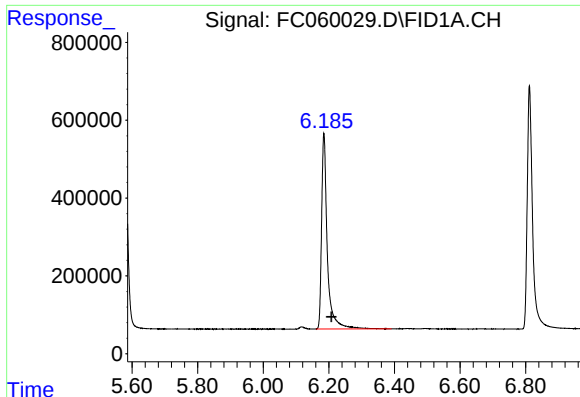
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.024 min
Response: 5841802
Conc: 40.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 5324380
Conc: 39.94 ug/ml



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

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 6095151
Conc: 41.53 ug/ml

Instrument :

FID_C

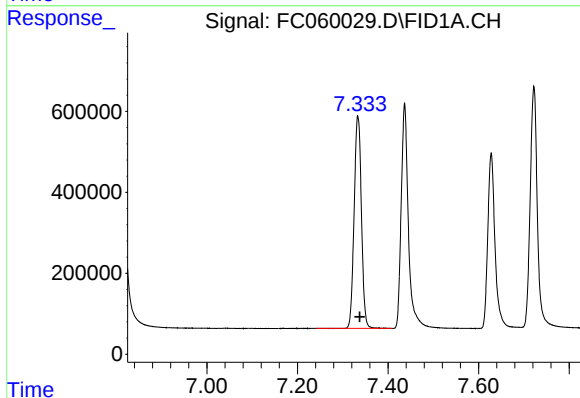
ClientSampleId :

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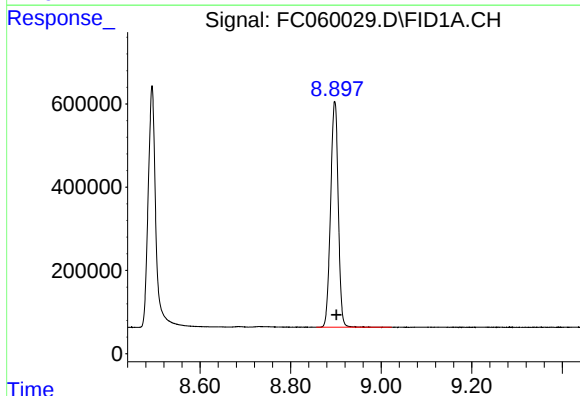
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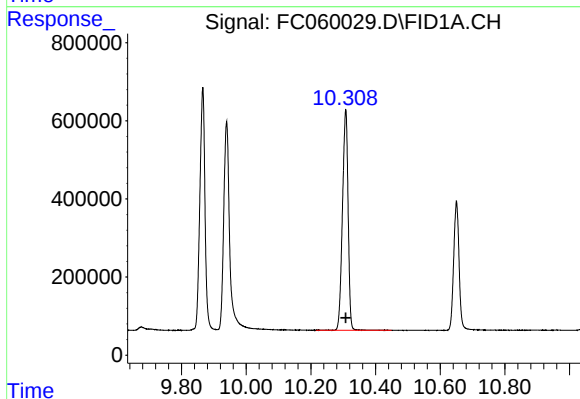
#6 n-Tetradecane (C14)

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 5863536
Conc: 42.95 ug/ml



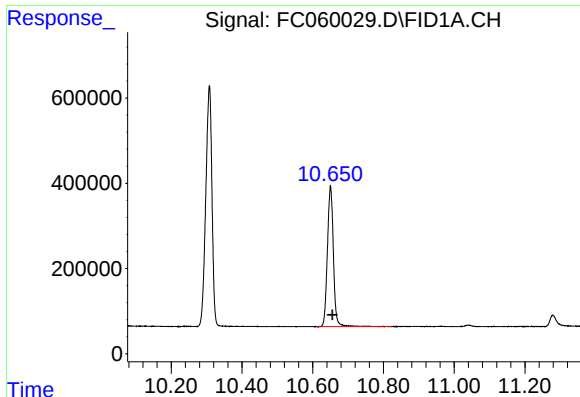
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 6361529
Conc: 45.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 6855589
Conc: 47.90 ug/ml



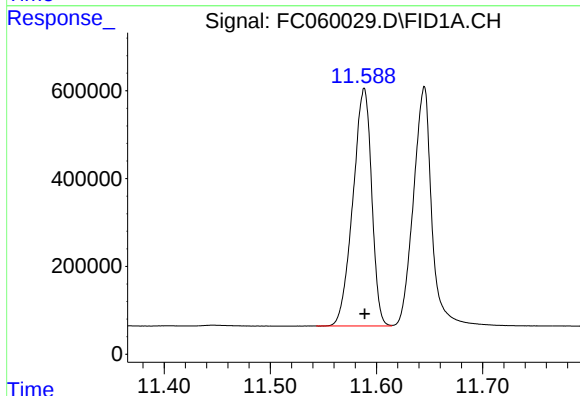
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 3867424
Conc: 24.85 ug/ml

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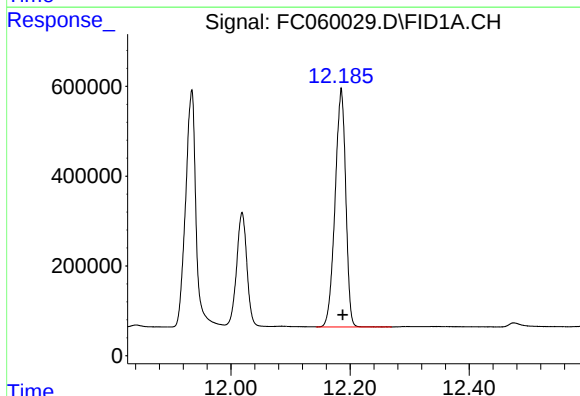
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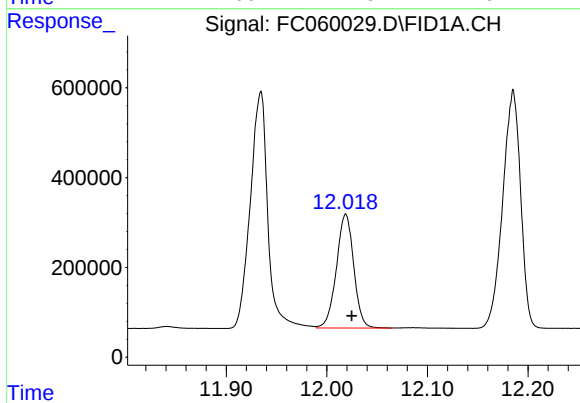
#10 n-Eicosane (C20)

R.T.: 11.588 min
Delta R.T.: -0.001 min
Response: 6631348
Conc: 46.48 ug/ml



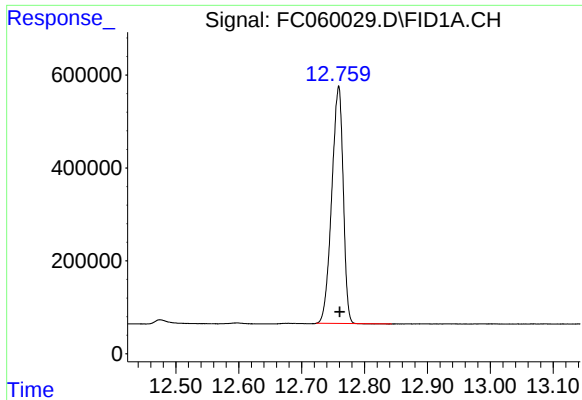
#11 n-Heneicosane (C21)

R.T.: 12.184 min
Delta R.T.: -0.003 min
Response: 6573387
Conc: 45.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.006 min
Response: 3039600
Conc: 24.52 ug/ml m



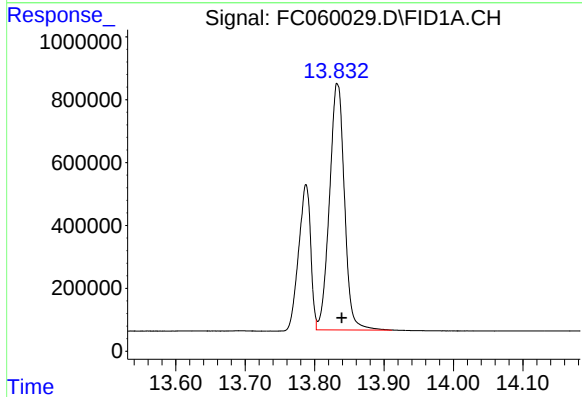
#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.003 min
Response: 6459298
Conc: 45.33 ug/ml

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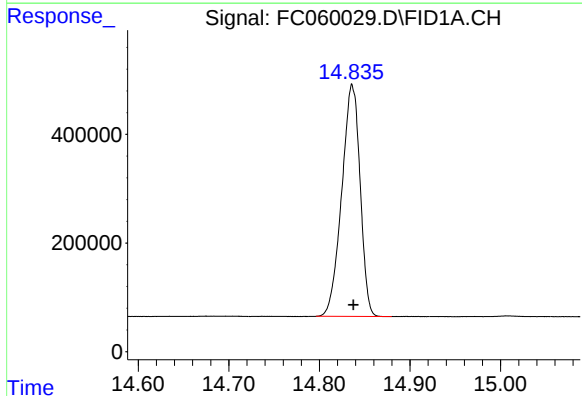
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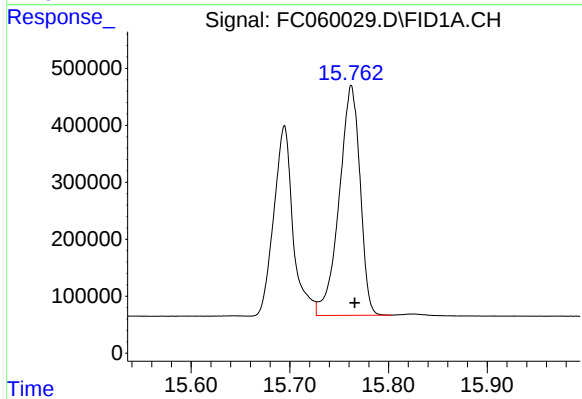
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.008 min
Response: 11775016
Conc: 83.91 ug/ml m



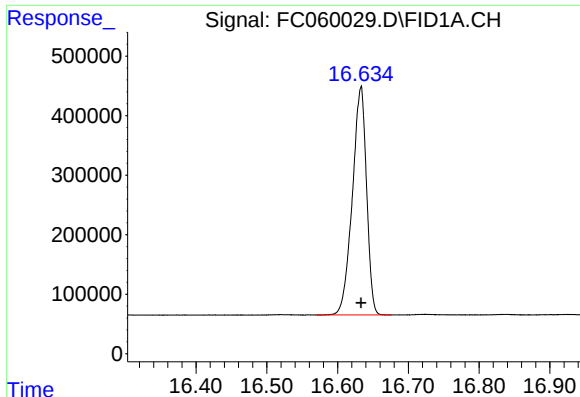
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.002 min
Response: 6009702
Conc: 44.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.762 min
Delta R.T.: -0.004 min
Response: 5929158
Conc: 45.53 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 5338049
Conc: 43.60 ug/ml

Instrument :

FID_C

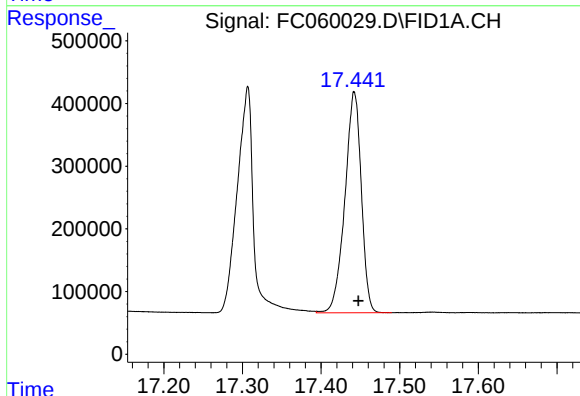
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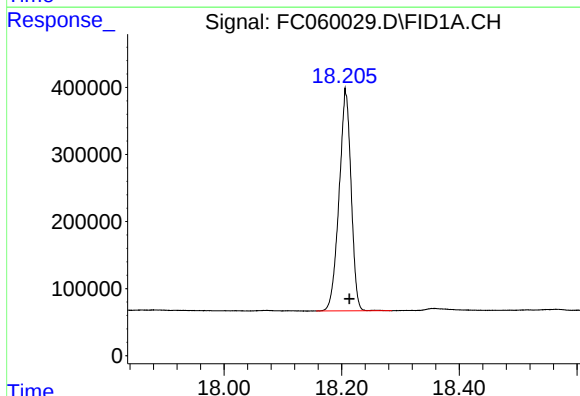
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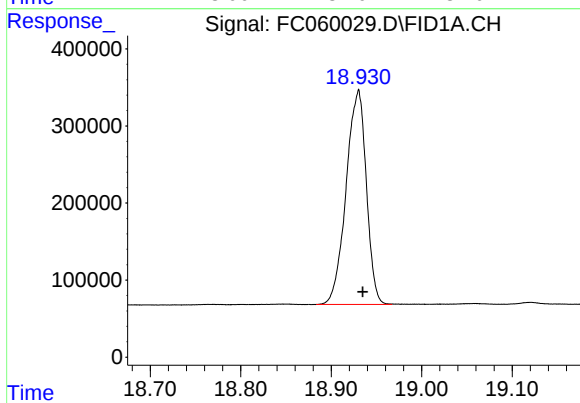
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.006 min
Response: 5103151
Conc: 45.77 ug/ml



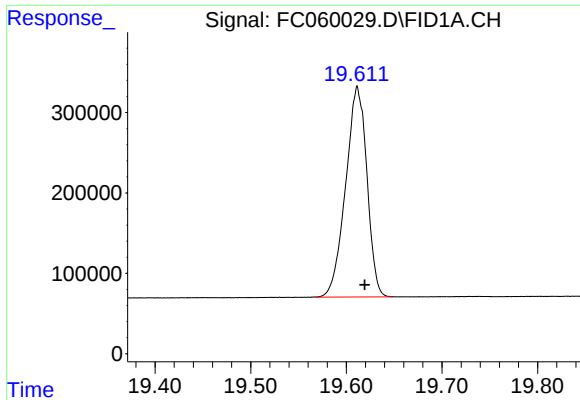
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.007 min
Response: 4674613
Conc: 45.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 4315505
Conc: 45.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 4058377
Conc: 43.99 ug/ml

Instrument :

FID_C

ClientSampleId :

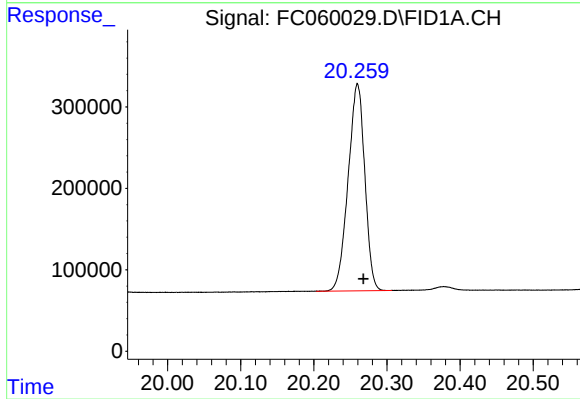
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#22 n-Tetracontane (C40)

R.T.: 20.259 min
Delta R.T.: -0.009 min
Response: 4021365
Conc: 42.74 ug/ml