

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061821AL\
 Data File : FC054325.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2021 1:13
 Operator : DD\AJ
 Sample : M2759-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-05-061721-EPH-2MSD

Manual Integrations
 APPROVED

Ankita
 6/21/2021 10:49:01 AM

Integration File: sample.E
 Quant Time: Jun 19 02:06:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 2021
 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)	11.352	4993215	32.880 ug/ml
Spiked Amount 50.000		Recovery =	65.76%
12) S 1-chlorooctadecane (S...	12.790	16075404	136.465 ug/ml
Spiked Amount 50.000		Recovery =	272.93%
Target Compounds			
1) T n-Nonane (C9)	3.155	3509468	27.271 ug/ml
2) T n-Decane (C10)	4.213	4040374	31.520 ug/ml
3) T A~Naphthalene (C11.7)	5.780	5140979	35.591 ug/ml
4) T n-Dodecane (C12)	6.222	4734667	36.106 ug/ml
5) T A~2-methylnaphthalene...	6.834	5273885	36.530 ug/ml
6) T n-Tetradecane (C14)	8.013	5453631	41.134 ug/ml
7) T n-Hexadecane (C16)	9.609	5771286	42.665 ug/ml
8) T n-Octadecane (C18)	11.048	5963450	42.727 ug/ml
10) T n-Eicosane (C20)	12.355	6050502	43.577 ug/ml
11) T n-Heneicosane (C21)	12.967	5611848	40.173 ug/ml
13) T n-Docosane (C22)	13.552	5901442	42.649 ug/ml
14) T n-Tetracosane (C24)	14.653	5088304	36.948 ug/ml
15) T n-Hexacosane (C26)	15.675	5054271	37.524 ug/ml
16) T n-Octacosane (C28)	16.621	5120335	38.642 ug/ml
17) T n-Tricontane (C30)	17.510	4994671	38.860 ug/ml
18) T n-Dotriacontane (C32)	18.340	4728097	38.427 ug/ml
19) T n-Tetratriacontane (C34)	19.124	4761419	40.701 ug/mlm
20) T n-Hexatriacontane (C36)	19.864	4605309	41.723 ug/ml
21) T n-Octatriacontane (C38)	20.572	4334132	42.398 ug/mlm
22) T n-Tetracontane (C40)	21.402	4962126	46.375 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2759-02MSD
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ALS Vial : 18 Sample Multiplier: 1

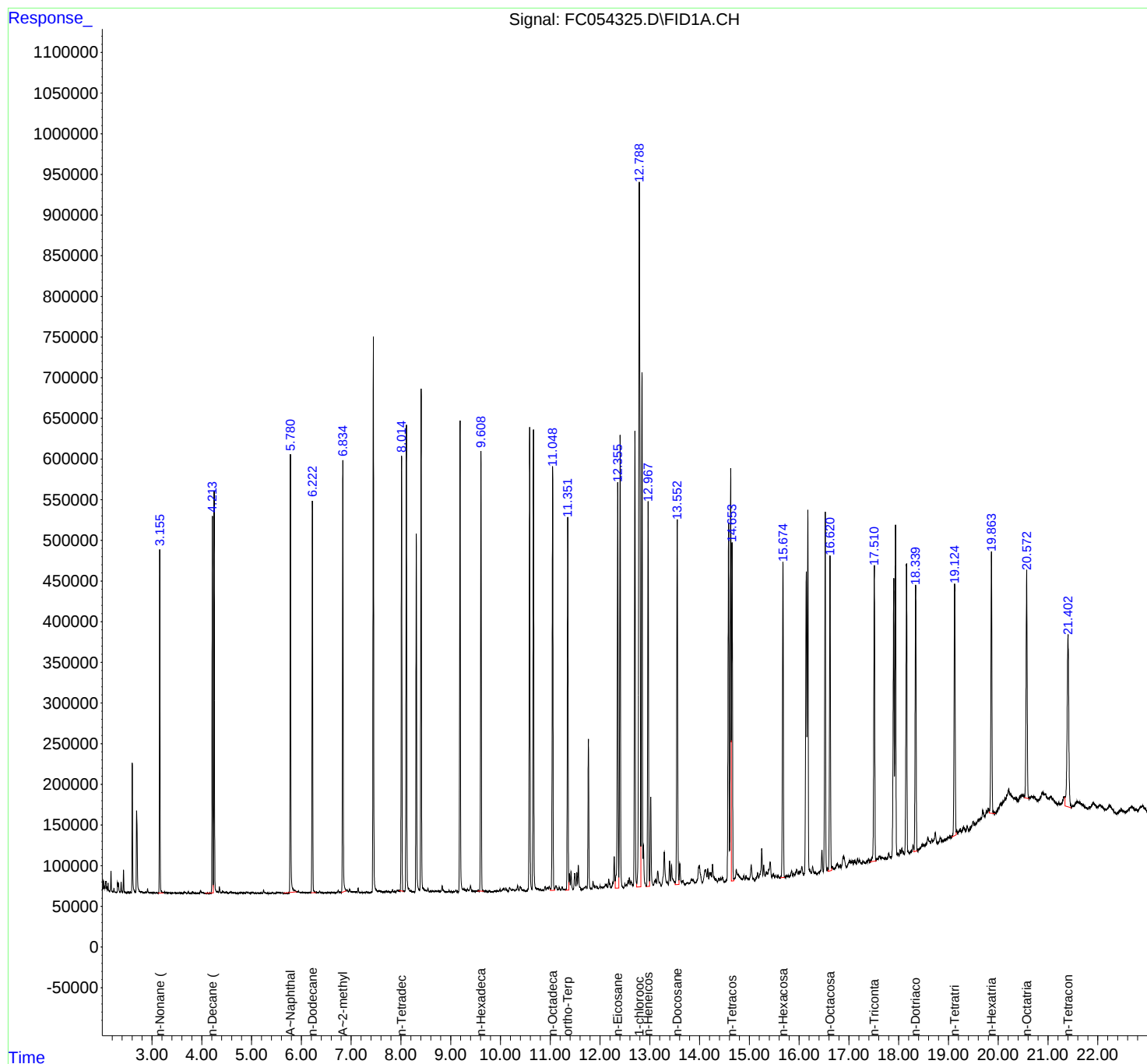
Instrument :
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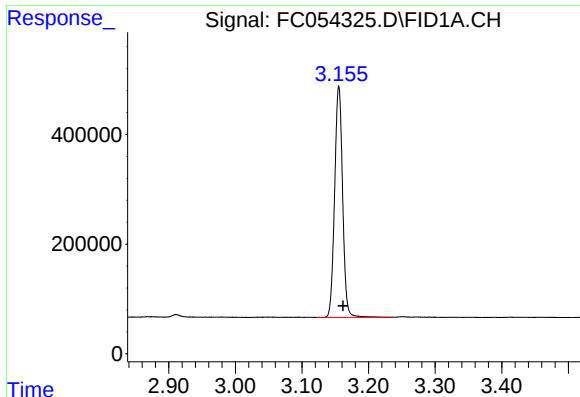
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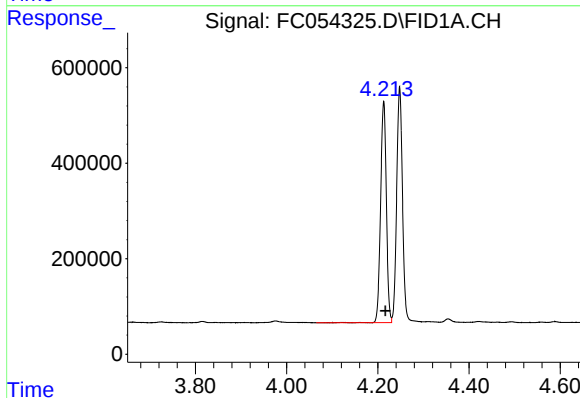
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: -0.007 min
Response: 3509468
Conc: 27.27 ug/ml

Instrument :
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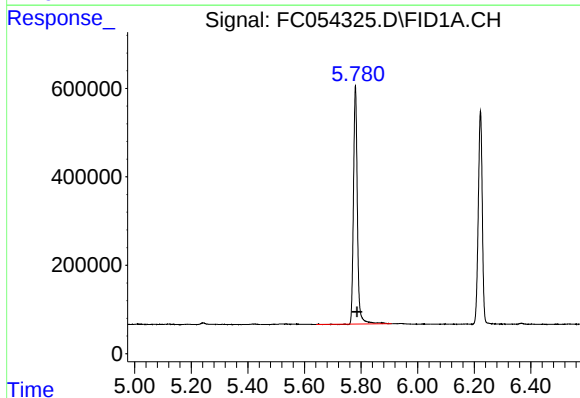
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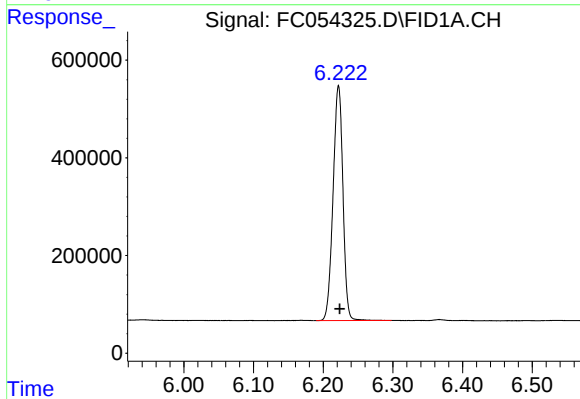
#2 n-Decane (C10)

R.T.: 4.213 min
Delta R.T.: -0.004 min
Response: 4040374
Conc: 31.52 ug/ml



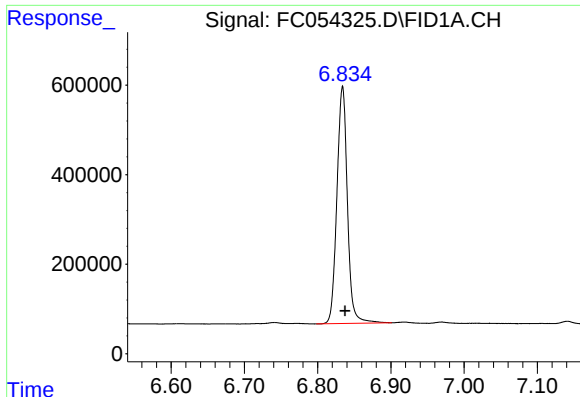
#3 A~Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 5140979
Conc: 35.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 4734667
Conc: 36.11 ug/ml



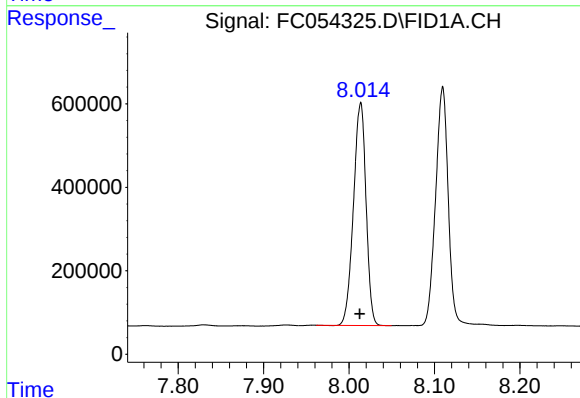
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 5273885
Conc: 36.53 ug/ml

Instrument :
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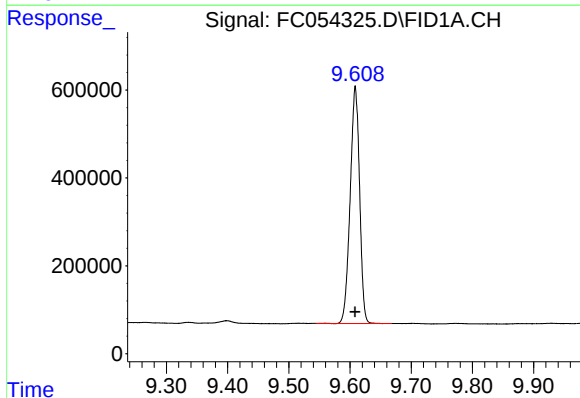
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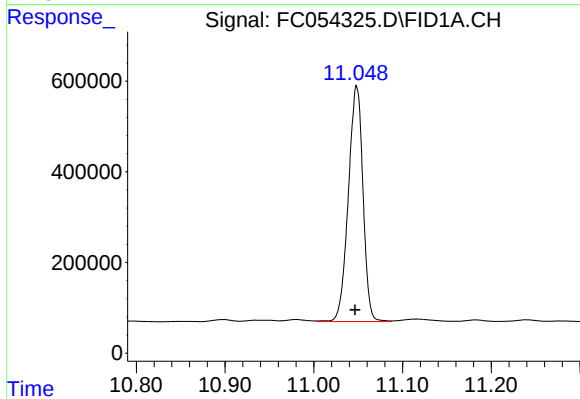
#6 n-Tetradecane (C14)

R.T.: 8.013 min
Delta R.T.: 0.001 min
Response: 5453631
Conc: 41.13 ug/ml



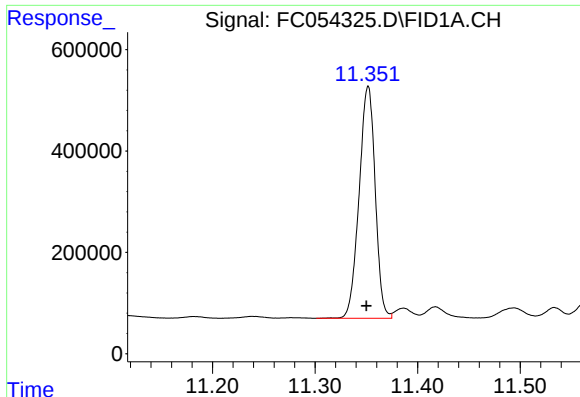
#7 n-Hexadecane (C16)

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 5771286
Conc: 42.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.048 min
Delta R.T.: 0.002 min
Response: 5963450
Conc: 42.73 ug/ml



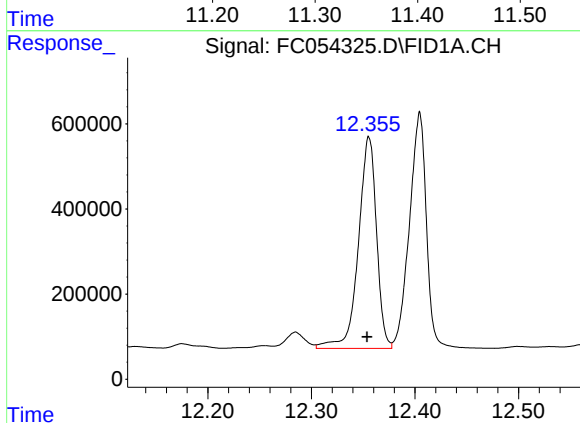
#9 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 4993215
Conc: 32.88 ug/ml

Instrument :
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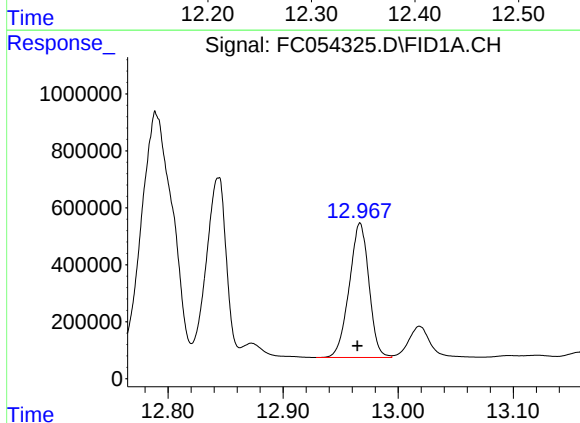
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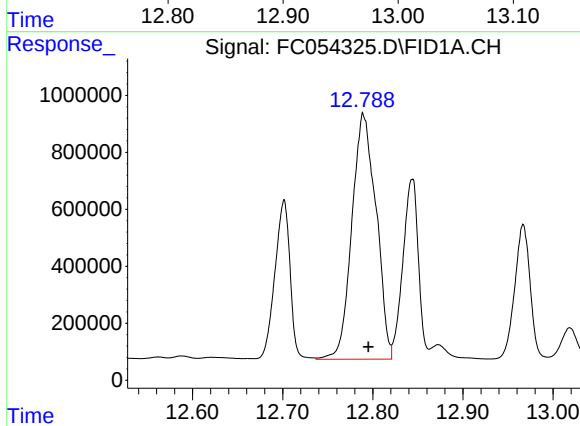
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.002 min
Response: 6050502
Conc: 43.58 ug/ml



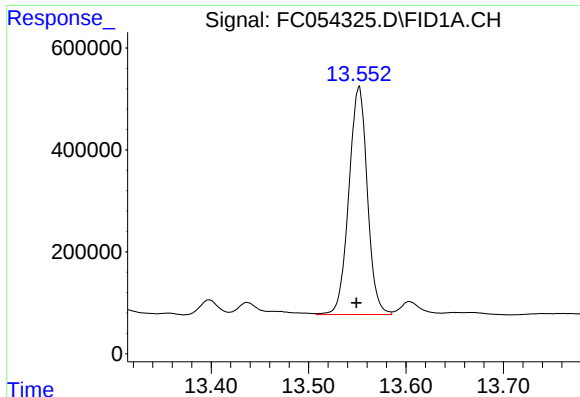
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.002 min
Response: 5611848
Conc: 40.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.790 min
Delta R.T.: -0.005 min
Response: 16075404
Conc: 136.46 ug/ml



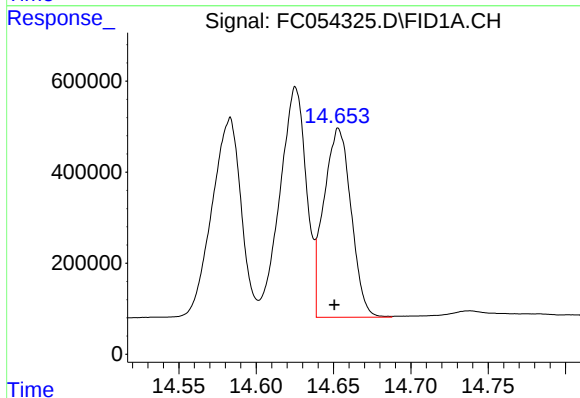
#13 n-Docosane (C22)

R.T.: 13.552 min
Delta R.T.: 0.002 min
Response: 5901442
Conc: 42.65 ug/ml

Instrument :
FID_C
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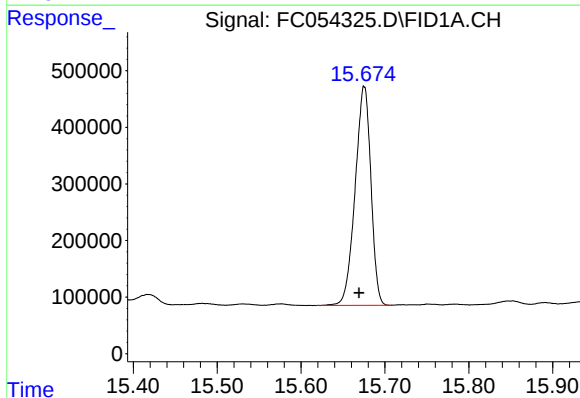
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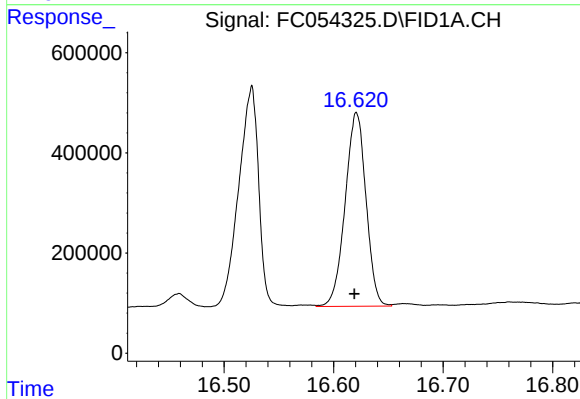
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: 0.002 min
Response: 5088304
Conc: 36.95 ug/ml



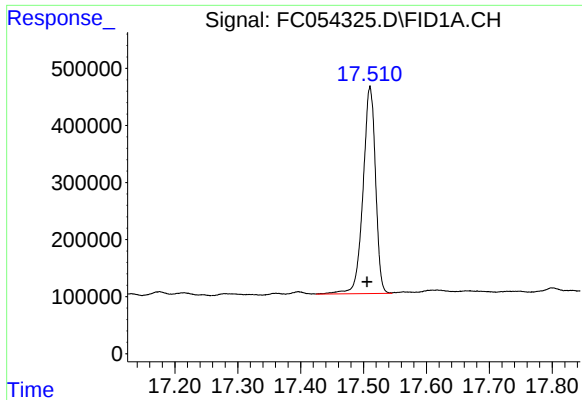
#15 n-Hexacosane (C26)

R.T.: 15.675 min
Delta R.T.: 0.006 min
Response: 5054271
Conc: 37.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.621 min
Delta R.T.: 0.002 min
Response: 5120335
Conc: 38.64 ug/ml



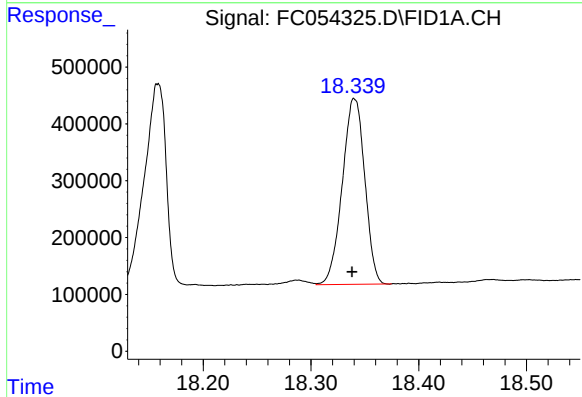
#17 n-Tricontane (C30)

R.T.: 17.510 min
Delta R.T.: 0.005 min
Response: 4994671
Conc: 38.86 ug/ml

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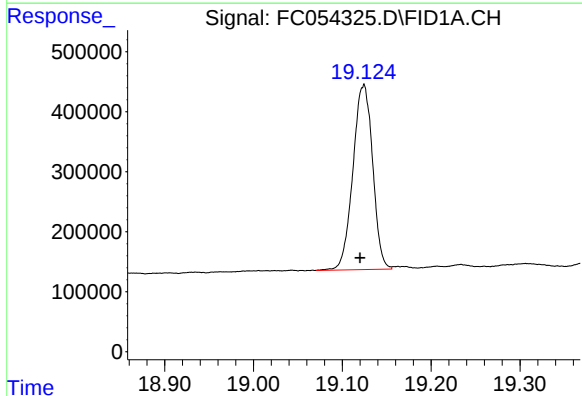
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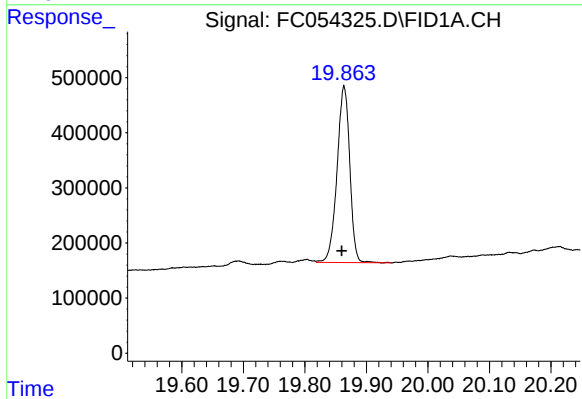
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: 0.002 min
Response: 4728097
Conc: 38.43 ug/ml



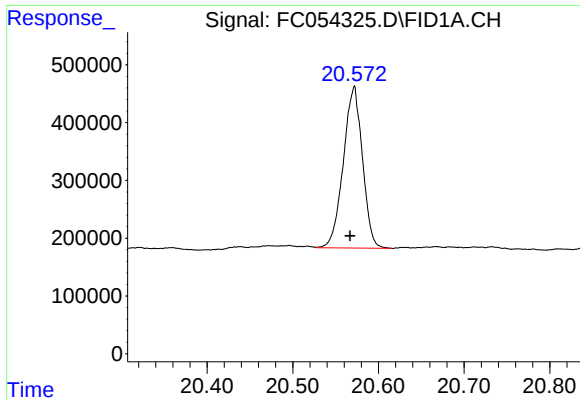
#19 n-Tetratriacontane (C34)

R.T.: 19.124 min
Delta R.T.: 0.004 min
Response: 4761419
Conc: 40.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: 0.004 min
Response: 4605309
Conc: 41.72 ug/ml



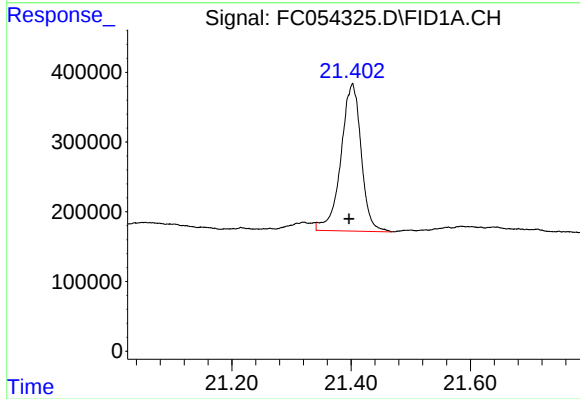
#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.005 min
Response: 4334132
Conc: 42.40 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: 0.006 min
Response: 4962126
Conc: 46.38 ug/ml m