

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057264.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2021 16:40
 Operator : AJ\MA
 Sample : SOIL IDOC 03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL IDOC 03

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File: sample.E
 Quant Time: Dec 08 00:56:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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			
12) S 1-chlorooctadecane (S...	13.017	4325109	47.509 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
1) T n-Nonane (C9)	3.351	3013920	29.743 ug/ml
2) T n-Decane (C10)	4.416	3781606	37.764 ug/ml
4) T n-Dodecane (C12)	6.432	4434464	43.736 ug/ml
6) T n-Tetradecane (C14)	8.226	4734070	46.724 ug/ml
7) T n-Hexadecane (C16)	9.825	5124749	49.941 ug/ml
8) T n-Octadecane (C18)	11.266	5545481	51.760 ug/ml
10) T n-Eicosane (C20)	12.573	5480937	51.245 ug/ml
11) T n-Heneicosane (C21)	13.184	5429476	50.137 ug/ml
13) T n-Docosane (C22)	13.769	5351426	49.951 ug/ml
14) T n-Tetracosane (C24)	14.869	5177913	47.830 ug/ml
15) T n-Hexacosane (C26)	15.886	5006237	46.999 ug/ml
16) T n-Octacosane (C28)	16.832	4857518	45.540 ug/ml
17) T n-Tricontane (C30)	17.716	4759120	44.651 ug/ml
18) T n-Dotriacontane (C32)	18.545	4646414	44.050 ug/ml
19) T n-Tetratriacontane (C34)	19.326	4453463	42.868 ug/ml
20) T n-Hexatriacontane (C36)	20.060	4147789	41.064 ug/mlm
21) T n-Octatriacontane (C38)	20.791	3914829	42.647 ug/ml
22) T n-Tetracontane (C40)	21.693	3970365	44.074 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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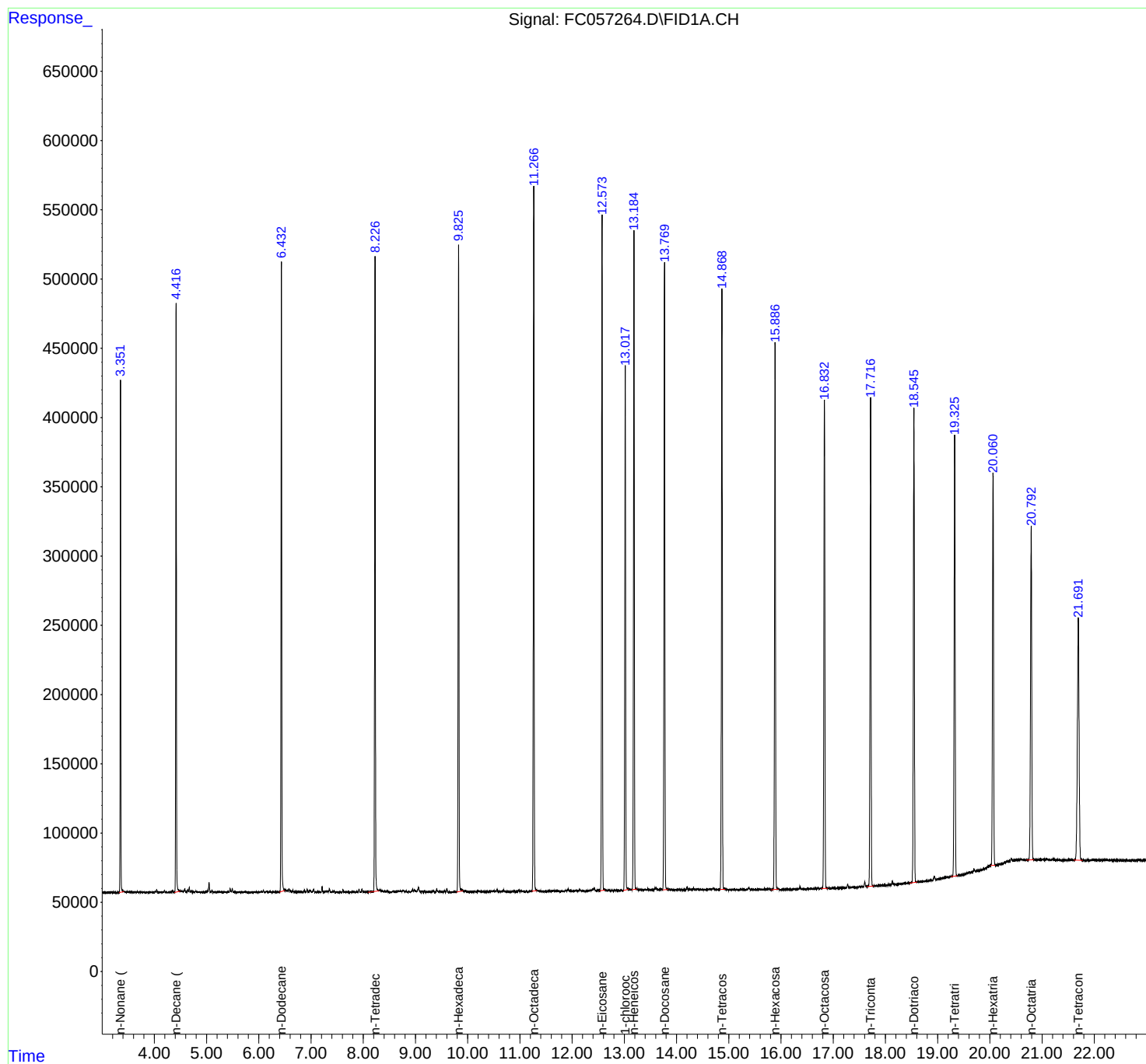
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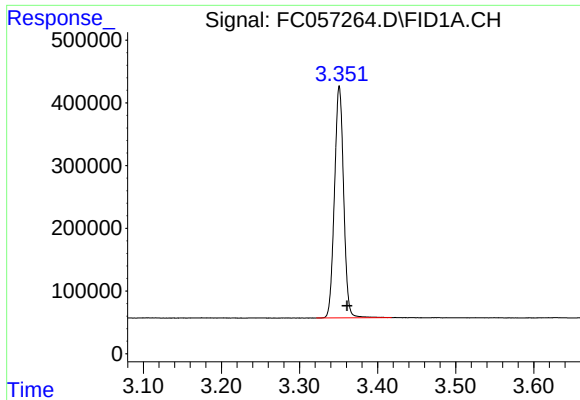
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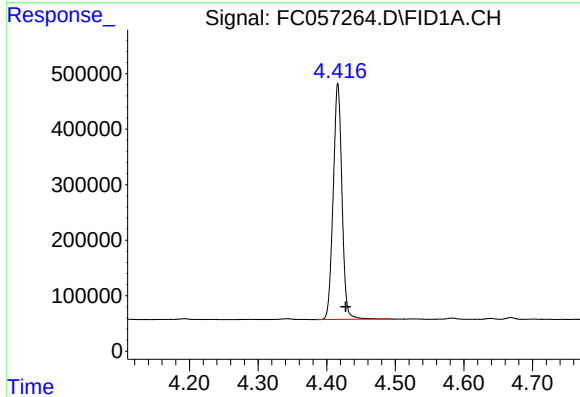
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.010 min
Response: 3013920
Conc: 29.74 ug/ml

Instrument :
FID_C
ClientSampleId :
SOIL IDOC 03

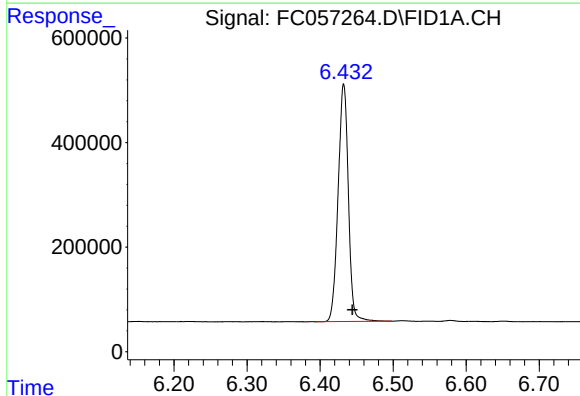
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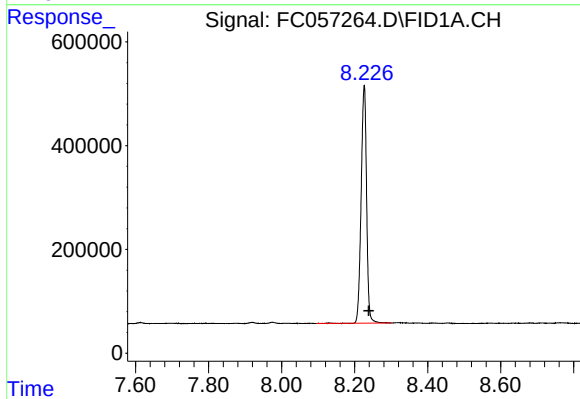
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.011 min
Response: 3781606
Conc: 37.76 ug/ml



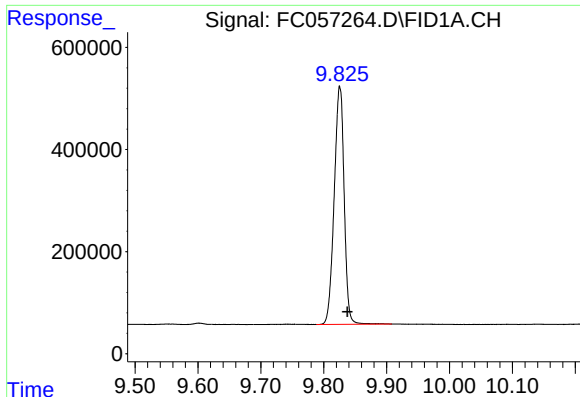
#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.012 min
Response: 4434464
Conc: 43.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: -0.013 min
Response: 4734070
Conc: 46.72 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: -0.012 min
Response: 5124749
Conc: 49.94 ug/ml

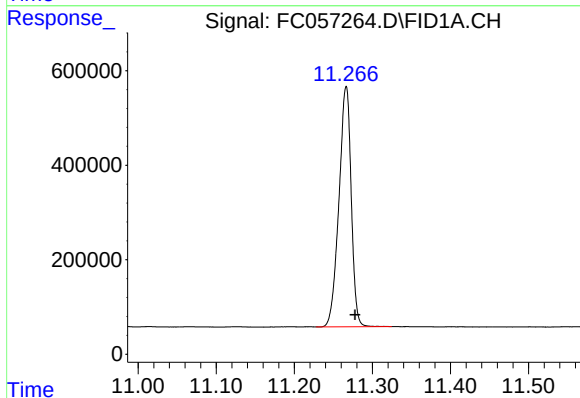
Instrument :

FID_C

ClientSampleId :
SOIL IDOC 03

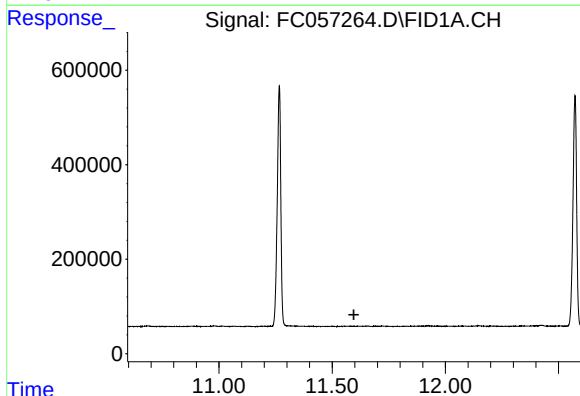
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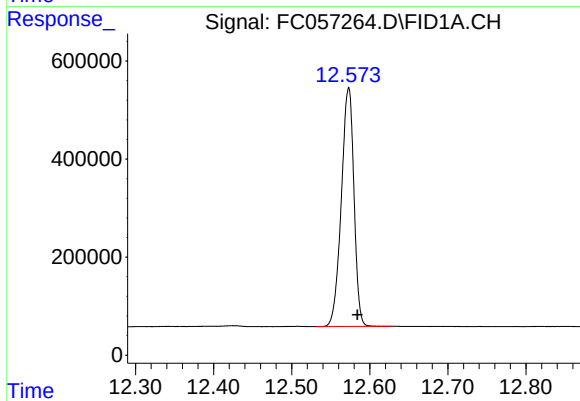
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 5545481
Conc: 51.76 ug/ml



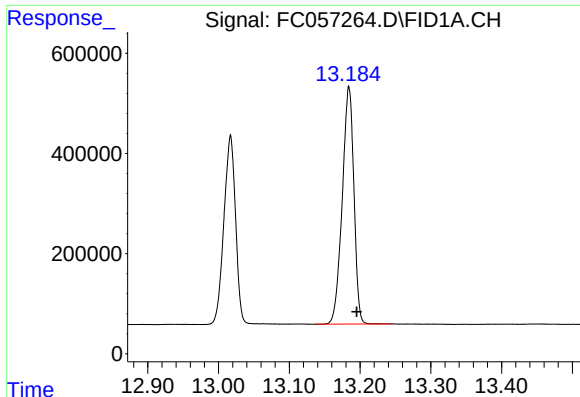
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.596 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: -0.012 min
Response: 5480937
Conc: 51.25 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.011 min
Response: 5429476
Conc: 50.14 ug/ml

Instrument :

FID_C

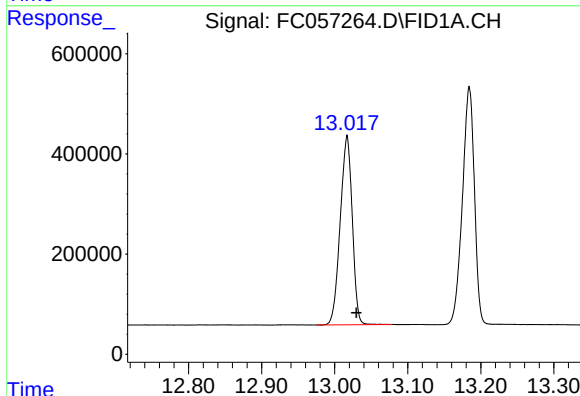
ClientSampleId :

SOIL IDOC 03

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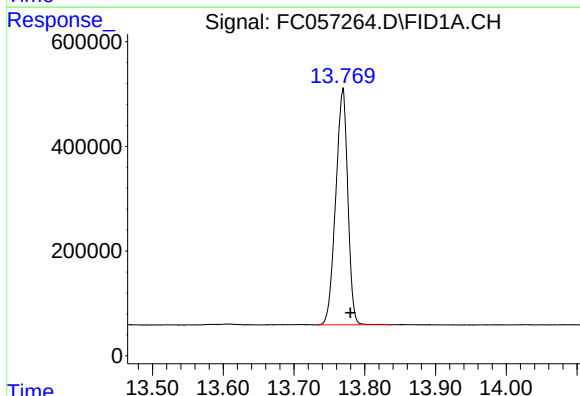
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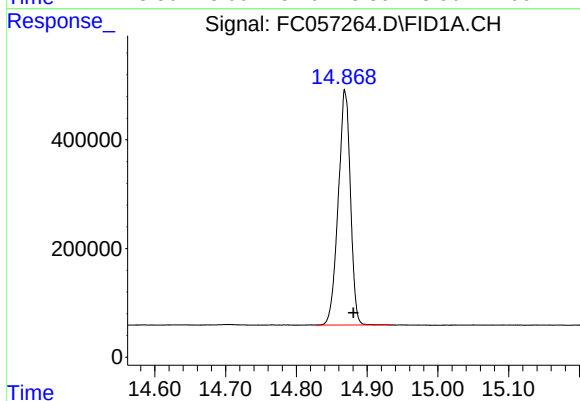
#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: -0.013 min
Response: 4325109
Conc: 47.51 ug/ml



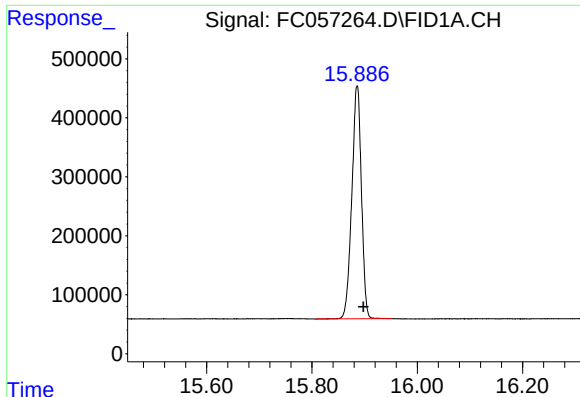
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: -0.011 min
Response: 5351426
Conc: 49.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.012 min
Response: 5177913
Conc: 47.83 ug/ml



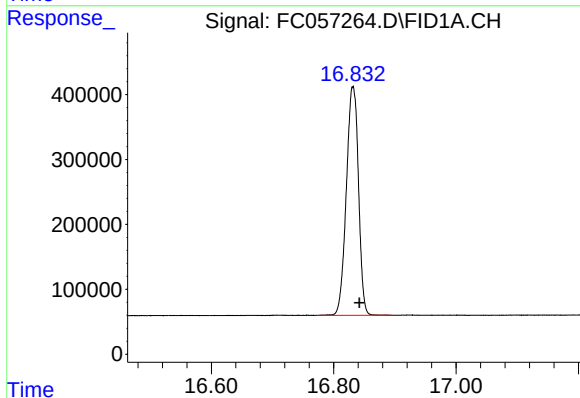
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.012 min
Response: 5006237
Conc: 47.00 ug/ml

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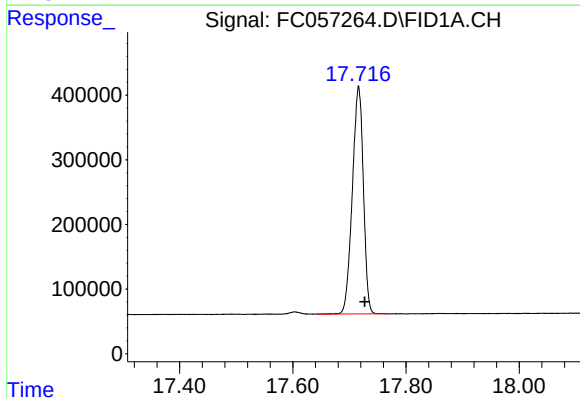
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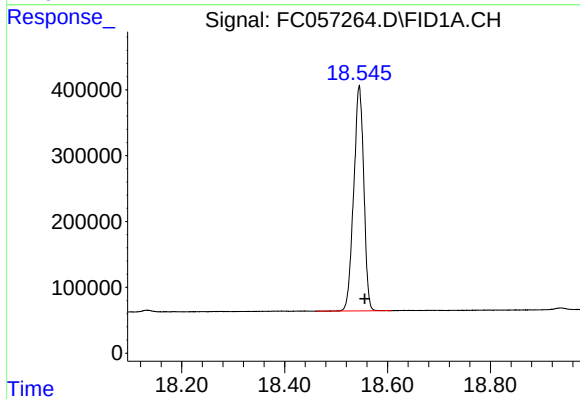
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.011 min
Response: 4857518
Conc: 45.54 ug/ml



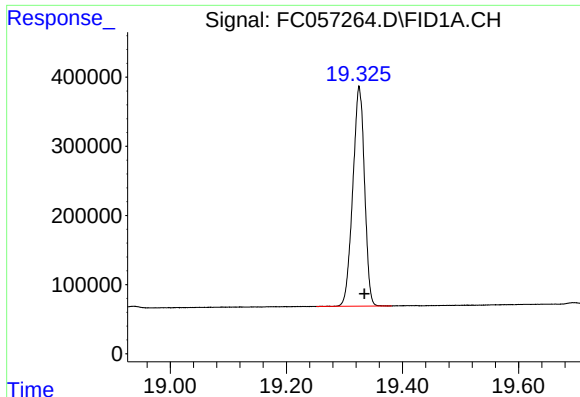
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.011 min
Response: 4759120
Conc: 44.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.010 min
Response: 4646414
Conc: 44.05 ug/ml



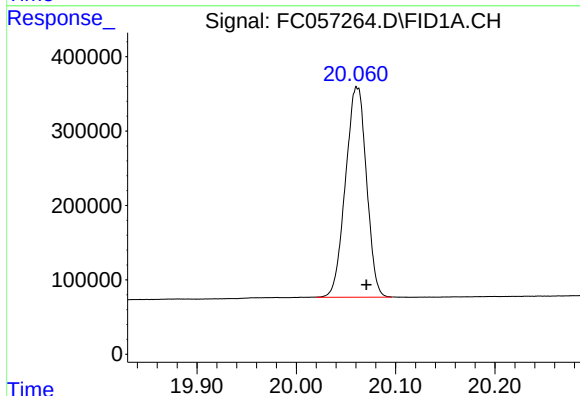
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.009 min
Response: 4453463
Conc: 42.87 ug/ml

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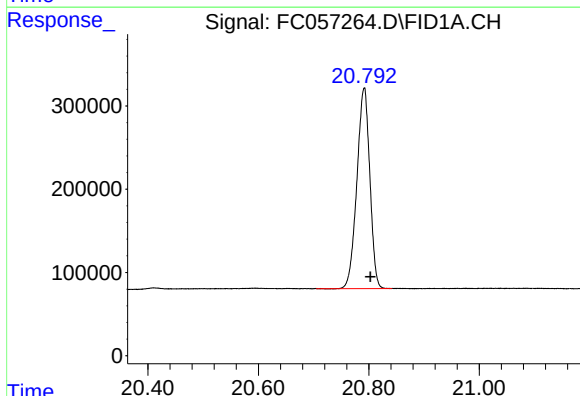
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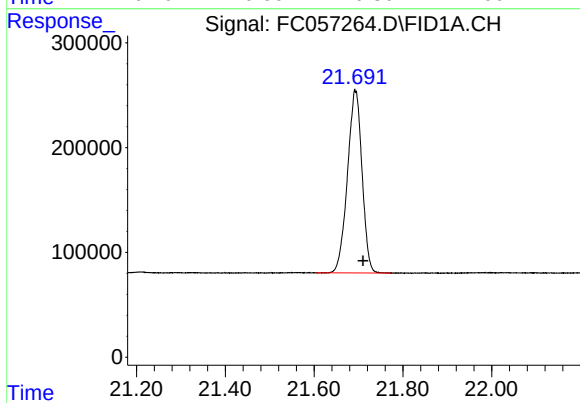
#20 n-Hexatriacontane (C36)

R.T.: 20.060 min
Delta R.T.: -0.010 min
Response: 4147789
Conc: 41.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.012 min
Response: 3914829
Conc: 42.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.017 min
Response: 3970365
Conc: 44.07 ug/ml