

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057162.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 13:45
 Operator : AJ\MA
 Sample : PB141114BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB141114BS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 12/06/2021

Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E

Quant Time: Dec 03 00:49:30 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			
9) S ortho-Terphenyl (SURR)	11.601	6429220	55.402 ug/ml
Spiked Amount 50.000		Recovery =	110.80%
12) S 1-chlorooctadecane (S...	13.032	5196861	57.085 ug/ml
Spiked Amount 50.000		Recovery =	114.17%
Target Compounds			
1) T n-Nonane (C9)	3.371	4648546	45.875 ug/ml
2) T n-Decane (C10)	4.431	4930403	49.236 ug/ml
3) T A~Naphthalene (C11.7)	6.016	5945473	53.245 ug/ml
4) T n-Dodecane (C12)	6.443	5371517	52.978 ug/ml
5) T A~2-methylnaphthalene...	7.073	5998685	54.404 ug/ml
6) T n-Tetradecane (C14)	8.239	5785257	57.099 ug/ml
7) T n-Hexadecane (C16)	9.837	6147289	59.905 ug/ml
8) T n-Octadecane (C18)	11.280	6351093	59.279 ug/ml
10) T n-Eicosane (C20)	12.588	6126604	57.282 ug/ml
11) T n-Heneicosane (C21)	13.198	6002807	55.431 ug/ml
13) T n-Docosane (C22)	13.784	5895401	55.028 ug/ml
14) T n-Tetracosane (C24)	14.886	11332561	104.683 ug/ml
15) T n-Hexacosane (C26)	15.904	5525395	51.873 ug/ml
16) T n-Octacosane (C28)	16.848	5471846	51.299 ug/ml
17) T n-Tricontane (C30)	17.735	5249046	49.247 ug/ml
18) T n-Dotriacontane (C32)	18.564	4971550	47.133 ug/ml
19) T n-Tetratriacontane (C34)	19.343	4588953	44.172 ug/ml
20) T n-Hexatriacontane (C36)	20.078	3897509	38.587 ug/mlm
21) T n-Octatriacontane (C38)	20.810	3338237	36.366 ug/ml
22) T n-Tetracontane (C40)	21.720	3016736	33.488 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141114BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

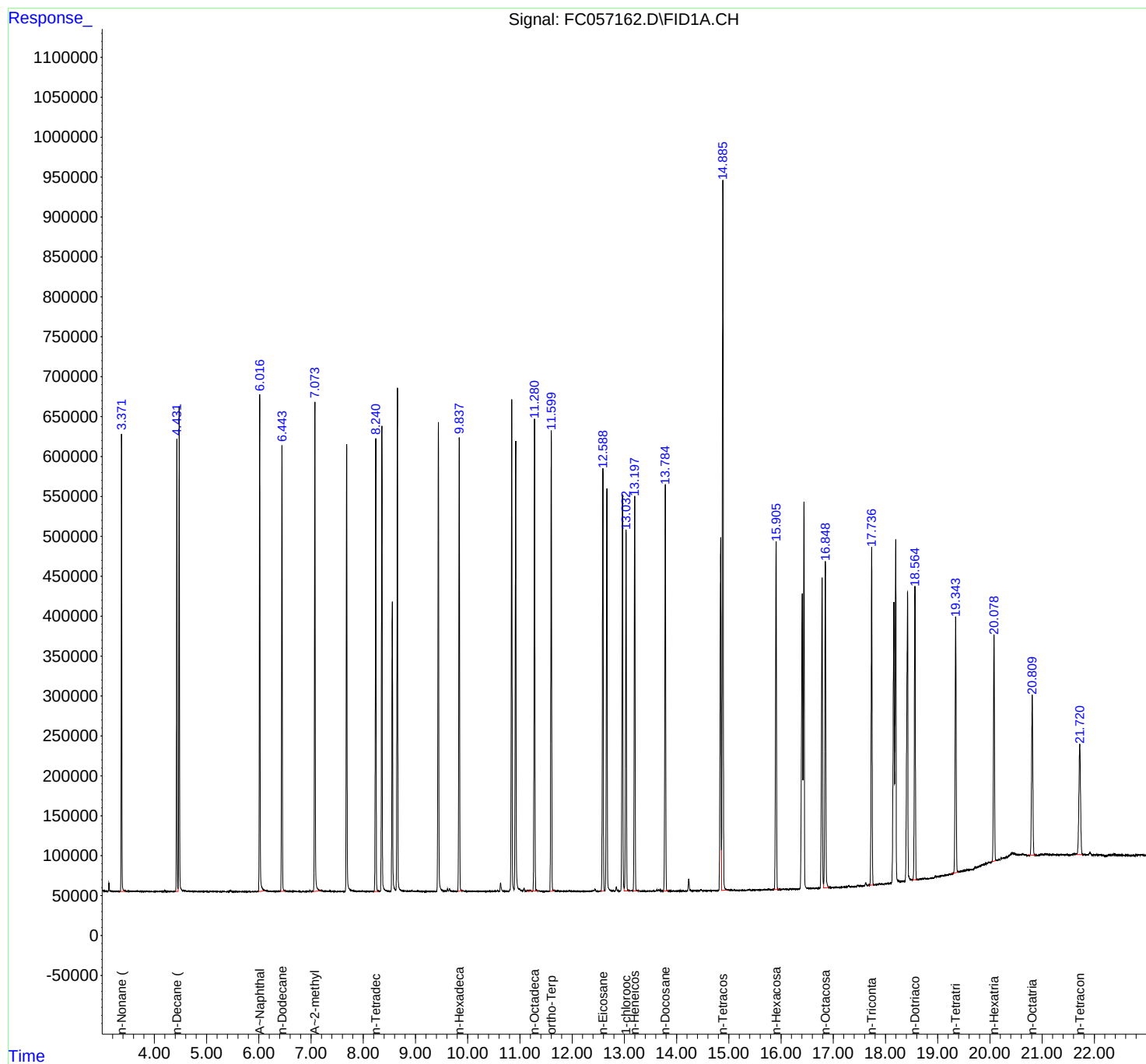
Instrument :
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ClientSampleId :
PB141114BS

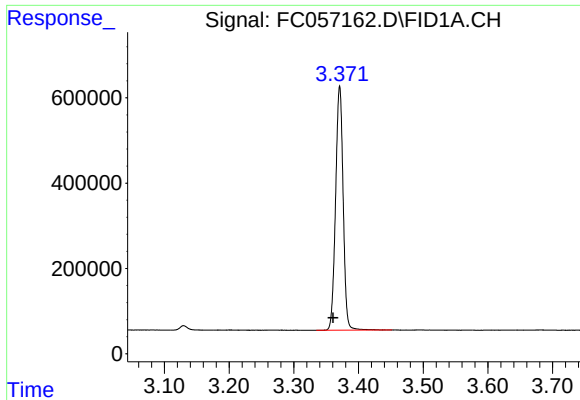
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: 0.010 min
Response: 4648546
Conc: 45.87 ug/ml

Instrument :

FID_C

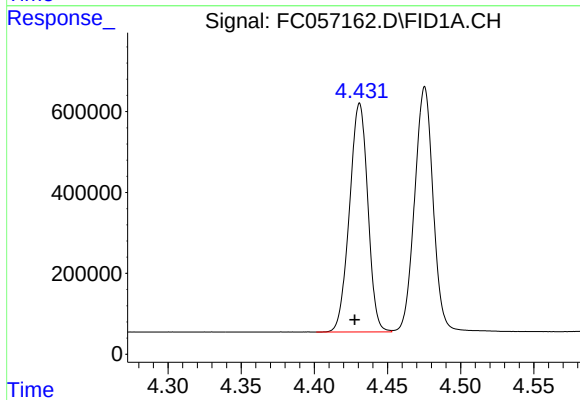
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PB141114BS

Manual Integrations

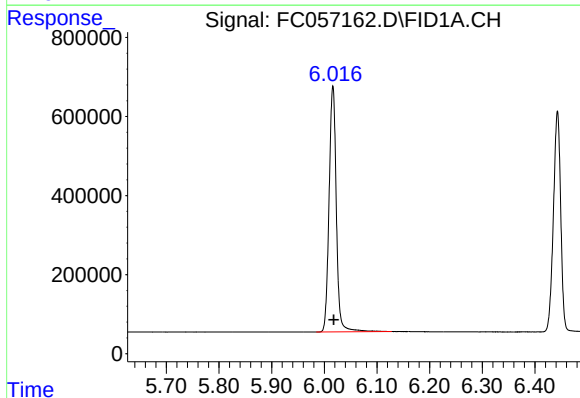
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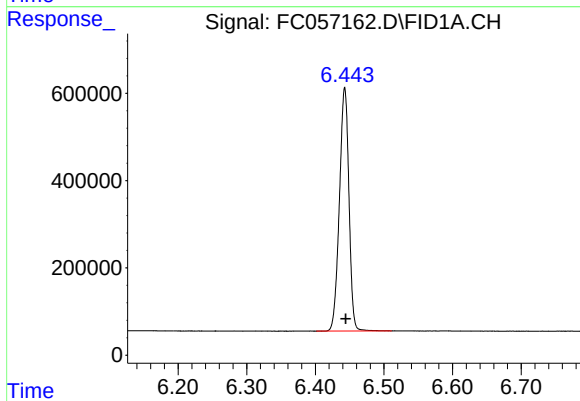
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.003 min
Response: 4930403
Conc: 49.24 ug/ml



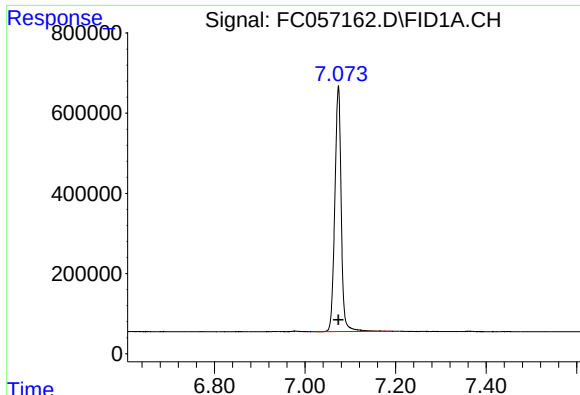
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 5945473
Conc: 53.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.002 min
Response: 5371517
Conc: 52.98 ug/ml



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

R.T.: 7.073 min
 Delta R.T.: 0.000 min
 Response: 5998685
 Conc: 54.40 ug/ml

Instrument :

FID_C

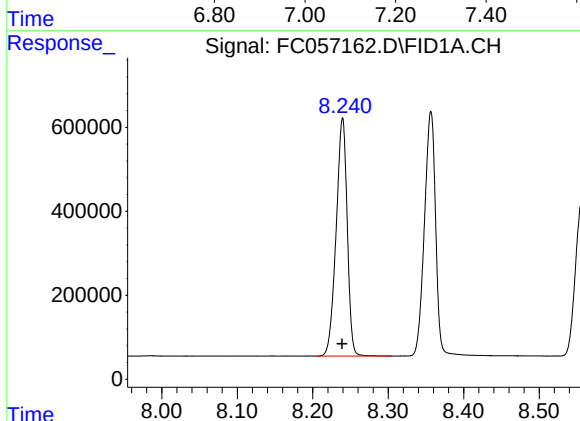
ClientSampleId :

PB141114BS

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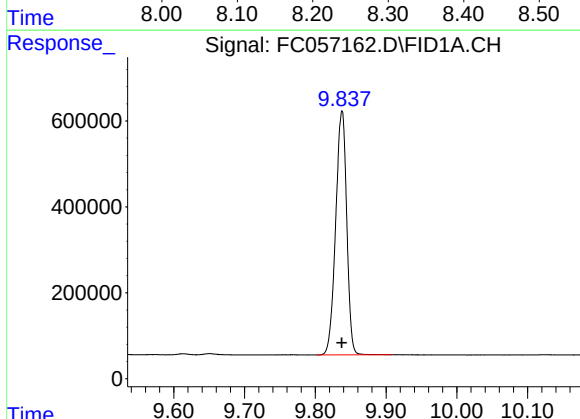
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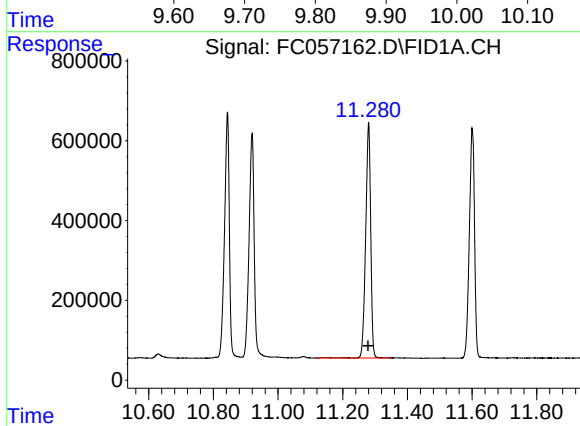
#6 n-Tetradecane (C14)

R.T.: 8.239 min
 Delta R.T.: 0.000 min
 Response: 5785257
 Conc: 57.10 ug/ml



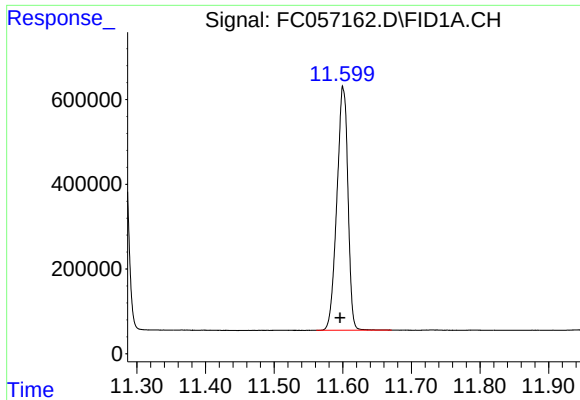
#7 n-Hexadecane (C16)

R.T.: 9.837 min
 Delta R.T.: 0.000 min
 Response: 6147289
 Conc: 59.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
 Delta R.T.: 0.002 min
 Response: 6351093
 Conc: 59.28 ug/ml



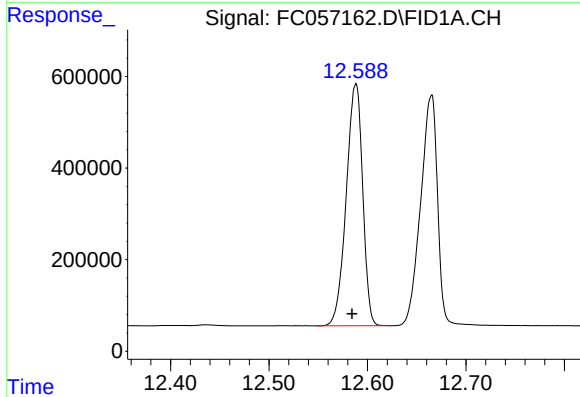
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: 0.005 min
Response: 6429220
Conc: 55.40 ug/ml

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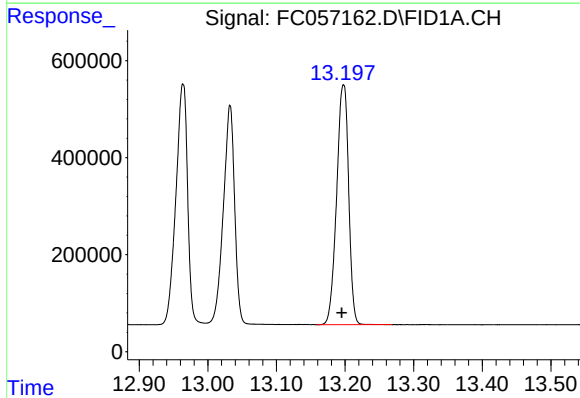
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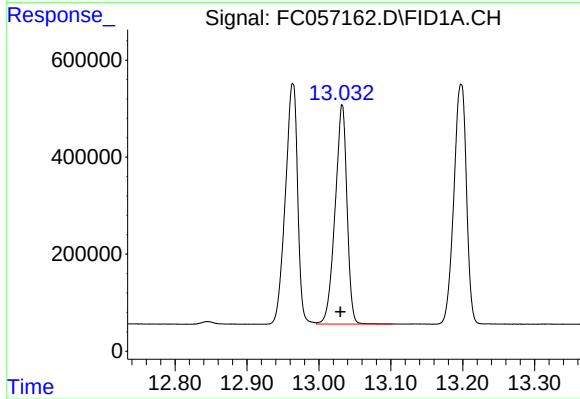
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.004 min
Response: 6126604
Conc: 57.28 ug/ml



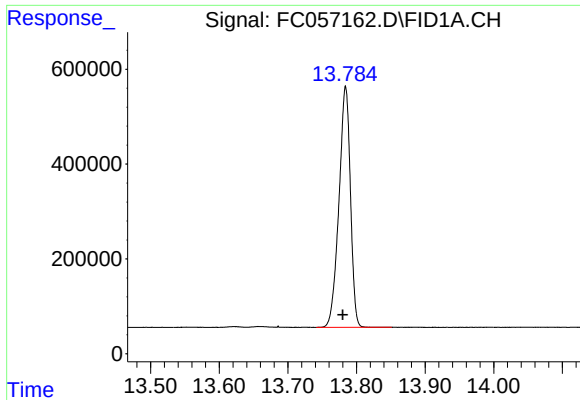
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.002 min
Response: 6002807
Conc: 55.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: 0.002 min
Response: 5196861
Conc: 57.08 ug/ml



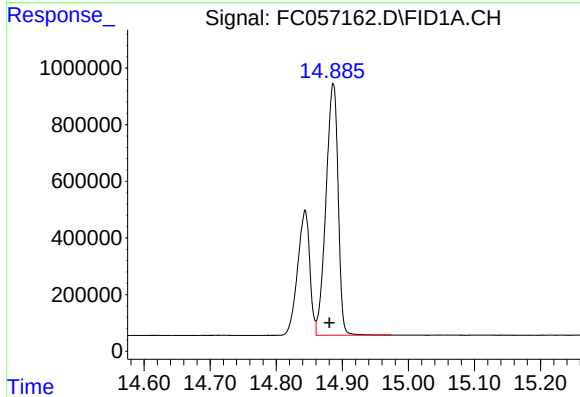
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: 0.004 min
Response: 5895401
Conc: 55.03 ug/ml

Instrument :
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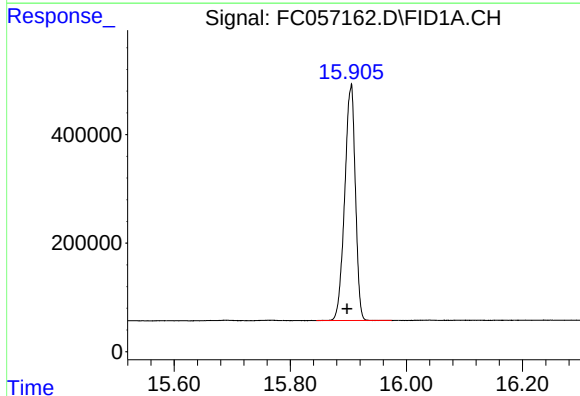
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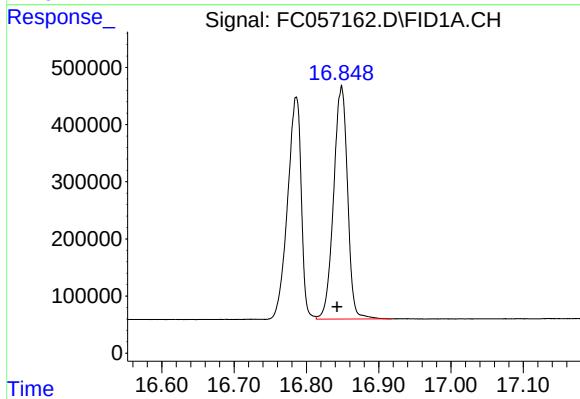
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: 0.005 min
Response: 11332561
Conc: 104.68 ug/ml



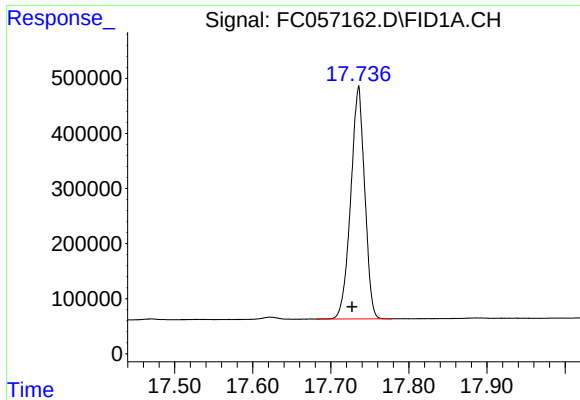
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.006 min
Response: 5525395
Conc: 51.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: 0.006 min
Response: 5471846
Conc: 51.30 ug/ml



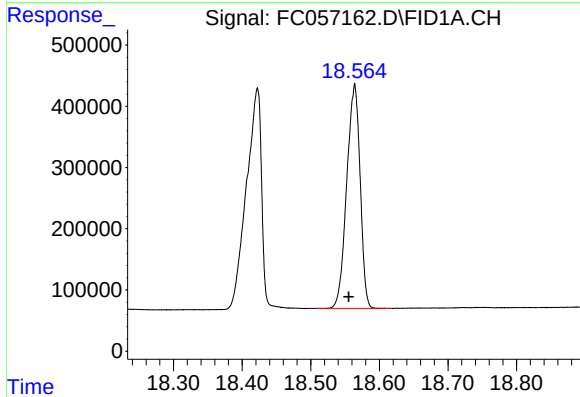
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: 0.008 min
Response: 5249046
Conc: 49.25 ug/ml

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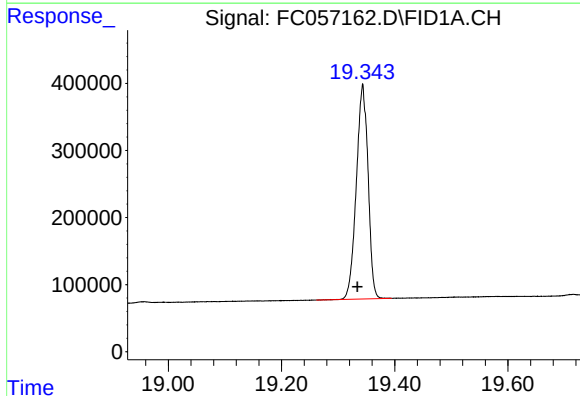
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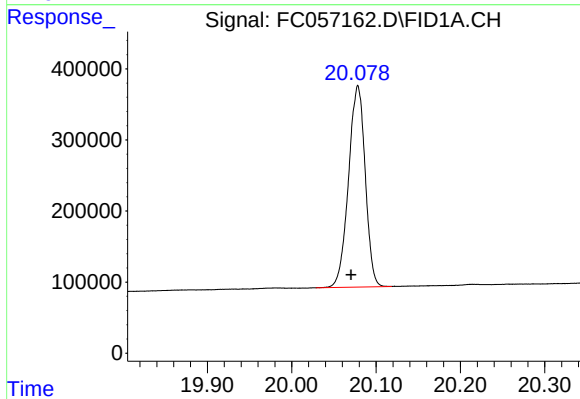
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.008 min
Response: 4971550
Conc: 47.13 ug/ml



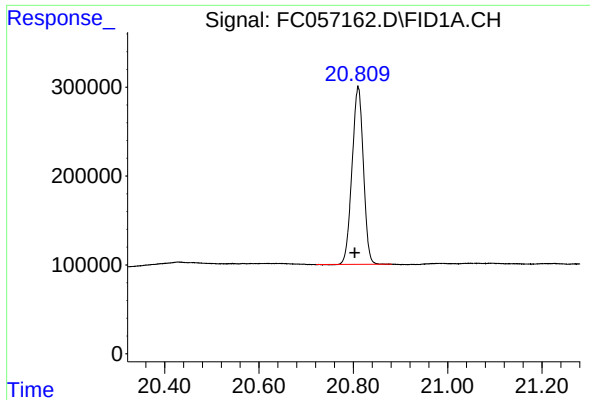
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.009 min
Response: 4588953
Conc: 44.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: 0.008 min
Response: 3897509
Conc: 38.59 ug/ml m



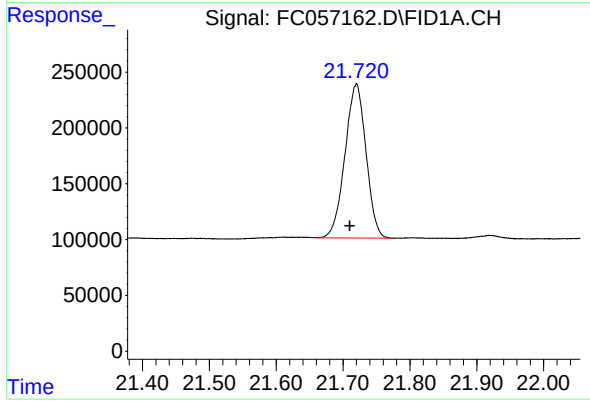
#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: 0.007 min
Response: 3338237
Conc: 36.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: 0.010 min
Response: 3016736
Conc: 33.49 ug/ml m