

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057714.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 16:56
 Operator : AJ\MA
 Sample : PB141852BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141852BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jan 05 23:57:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.720	8574465	44.343 ug/ml
Spiked Amount 50.000		Recovery =	88.69%
12) S 1-chlorooctadecane (S...	12.156	6568903	44.569 ug/ml
Spiked Amount 50.000		Recovery =	89.14%
Target Compounds			
1) T n-Nonane (C9)	2.671	7774555	48.618 ug/mlm
2) T n-Decane (C10)	3.651	8098332	50.385 ug/ml
3) T A~Naphthalene (C11.7)	5.179	9410358	51.825 ug/ml
4) T n-Dodecane (C12)	5.611	8288561	51.393 ug/ml
5) T A~2-methylnaphthalene...	6.217	9078897	49.648 ug/ml
6) T n-Tetradecane (C14)	7.391	8323186	50.415 ug/ml
7) T n-Hexadecane (C16)	8.981	8478169	50.755 ug/ml
8) T n-Octadecane (C18)	10.417	8405761	48.846 ug/ml
10) T n-Eicosane (C20)	11.719	8446103	49.336 ug/ml
11) T n-Heneicosane (C21)	12.327	7981504	46.156 ug/ml
13) T n-Docosane (C22)	12.910	7881119	45.554 ug/ml
14) T n-Tetracosane (C24)	14.009	7726285	44.632 ug/ml
15) T n-Hexacosane (C26)	15.028	7378468	43.844 ug/ml
16) T n-Octacosane (C28)	15.973	7116983	43.491 ug/ml
17) T n-Tricontane (C30)	16.858	6709961	42.978 ug/ml
18) T n-Dotriacontane (C32)	17.686	5848438	41.947 ug/ml
19) T n-Tetratriacontane (C34)	18.466	4360766	35.086 ug/ml
20) T n-Hexatriacontane (C36)	19.203	2857734	25.704 ug/ml
21) T n-Octatriacontane (C38)	19.909	2127200	20.392 ug/ml
22) T n-Tetracontane (C40)	20.738	1735734	18.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
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Acq On : 05 Jan 2022 16:56
Operator : AJ\MA
Sample : PB141852BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

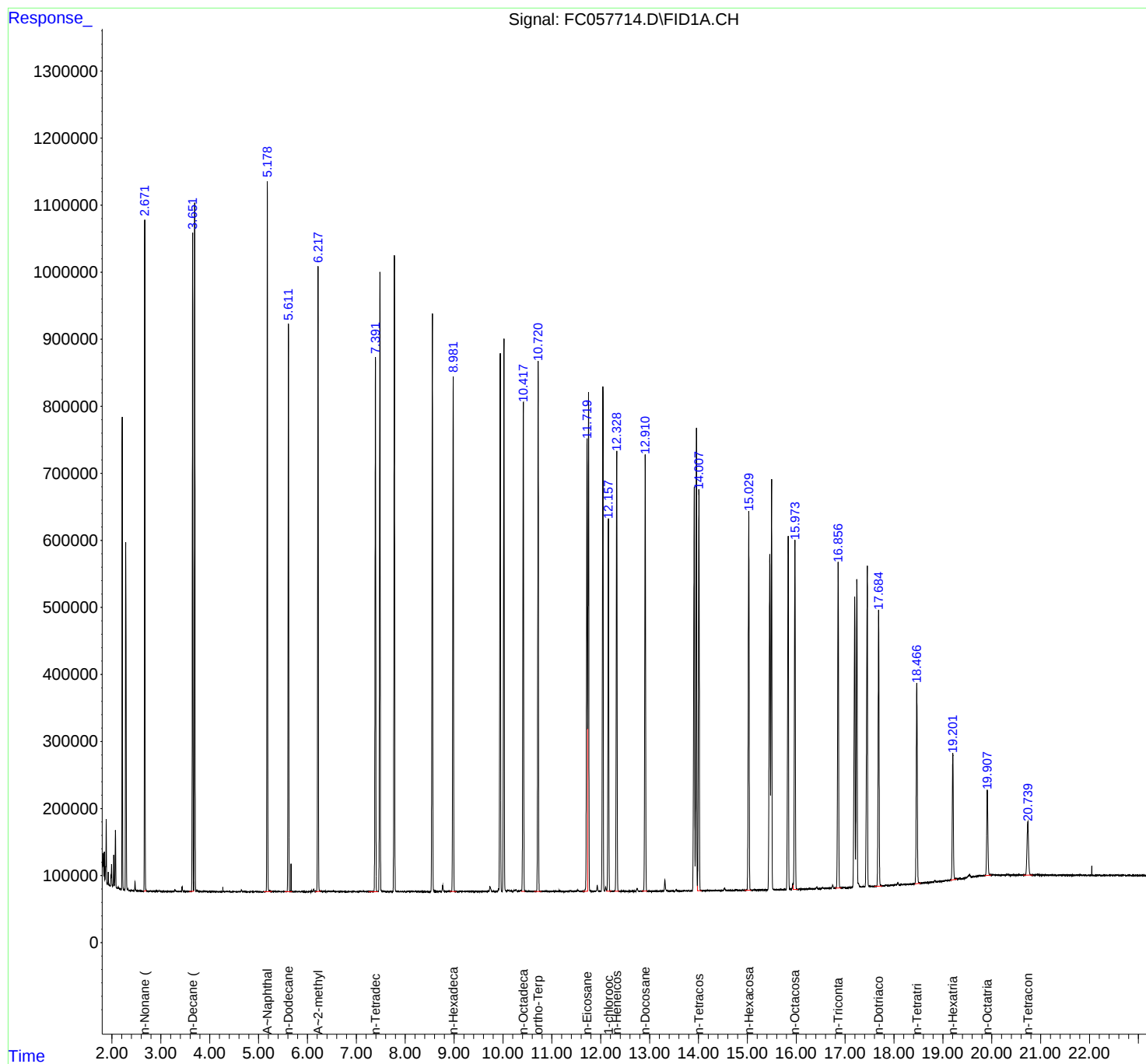
Instrument :
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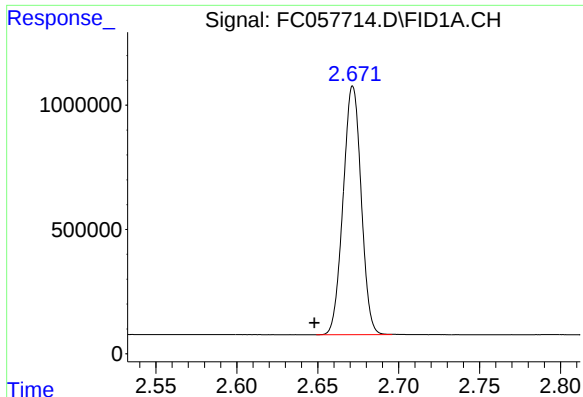
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#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: 0.023 min
Response: 7774555
Conc: 48.62 ug/ml

Instrument :

FID_C

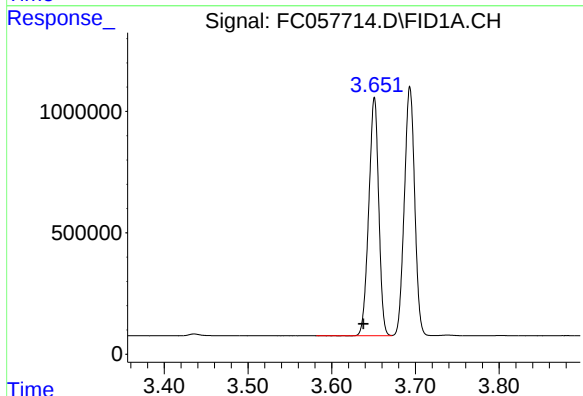
ClientSampleId :

PB141852BS

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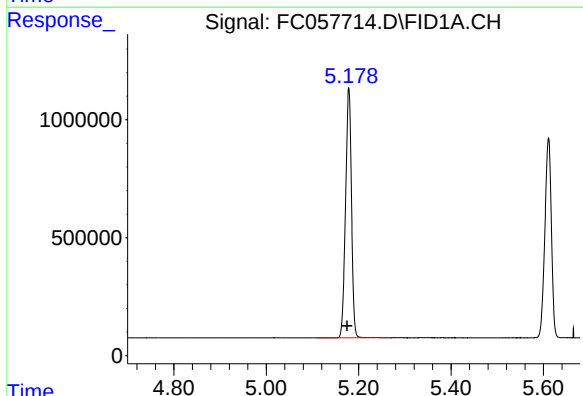
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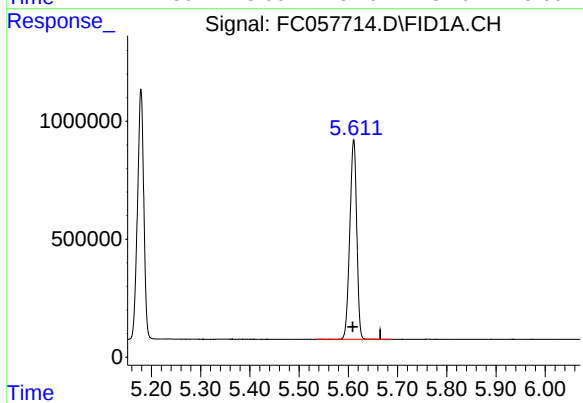
#2 n-Decane (C10)

R.T.: 3.651 min
Delta R.T.: 0.013 min
Response: 8098332
Conc: 50.38 ug/ml



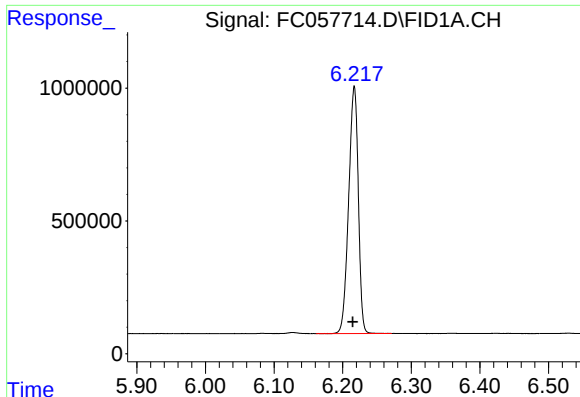
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 9410358
Conc: 51.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.611 min
Delta R.T.: 0.002 min
Response: 8288561
Conc: 51.39 ug/ml



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

R.T.: 6.217 min
Delta R.T.: 0.002 min
Response: 9078897
Conc: 49.65 ug/ml

Instrument :

FID_C

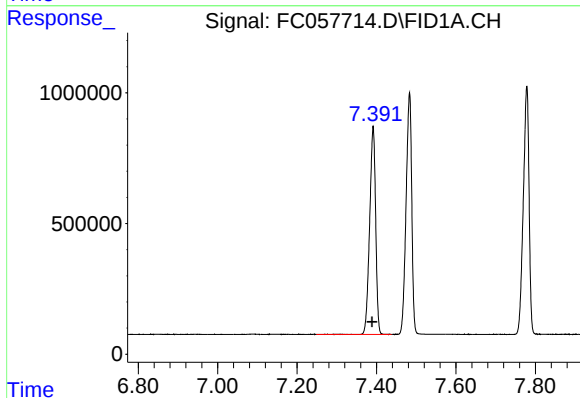
ClientSampleId :

PB141852BS

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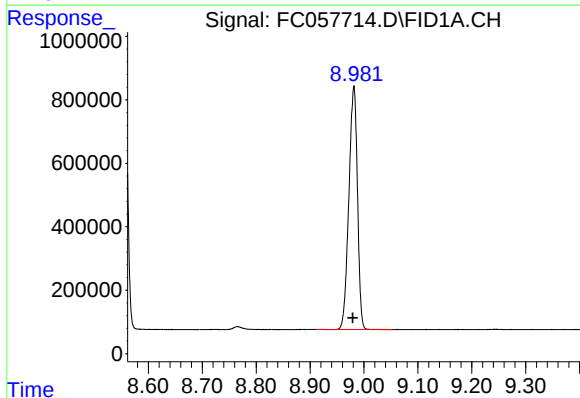
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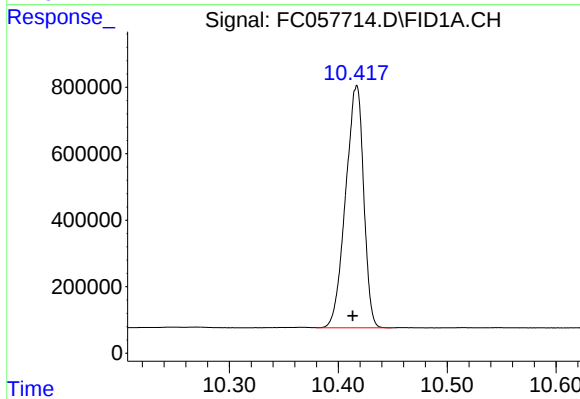
#6 n-Tetradecane (C14)

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 8323186
Conc: 50.42 ug/ml



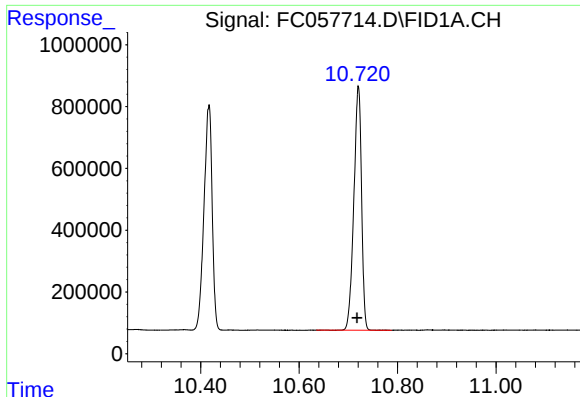
#7 n-Hexadecane (C16)

R.T.: 8.981 min
Delta R.T.: 0.002 min
Response: 8478169
Conc: 50.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.417 min
Delta R.T.: 0.003 min
Response: 8405761
Conc: 48.85 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.720 min
Delta R.T.: 0.003 min
Response: 8574465
Conc: 44.34 ug/ml

Instrument :

FID_C

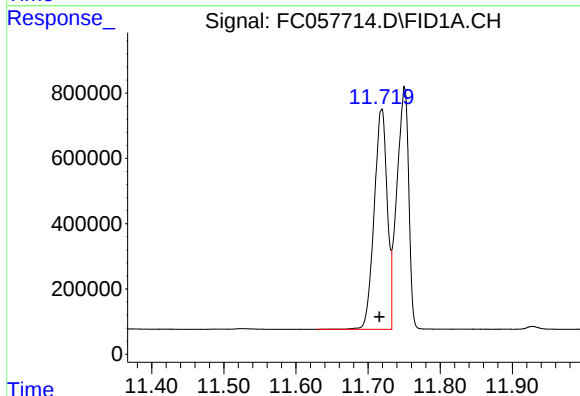
ClientSampleId :

PB141852BS

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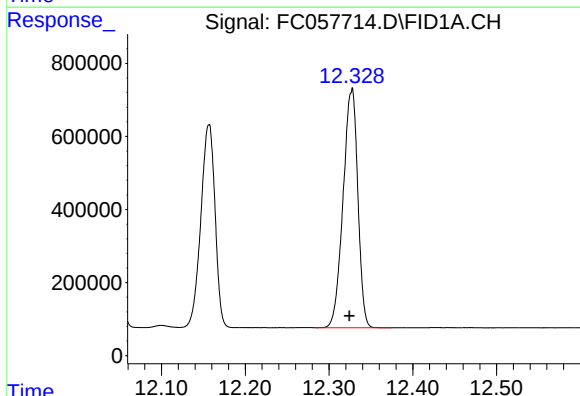
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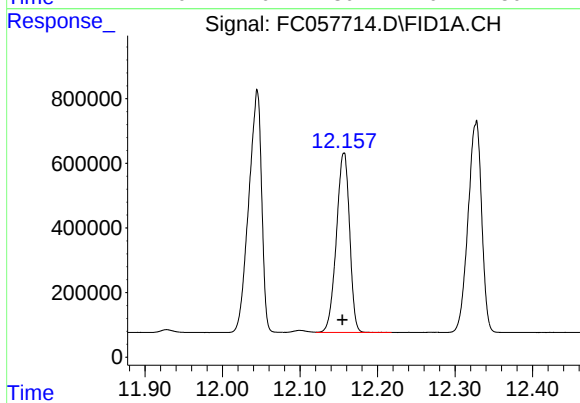
#10 n-Eicosane (C20)

R.T.: 11.719 min
Delta R.T.: 0.003 min
Response: 8446103
Conc: 49.34 ug/ml



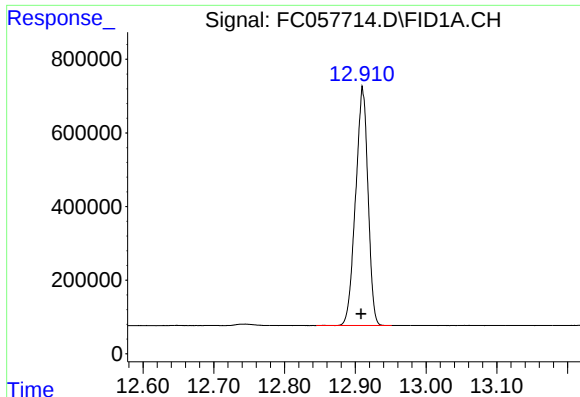
#11 n-Heneicosane (C21)

R.T.: 12.327 min
Delta R.T.: 0.002 min
Response: 7981504
Conc: 46.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.156 min
Delta R.T.: 0.002 min
Response: 6568903
Conc: 44.57 ug/ml



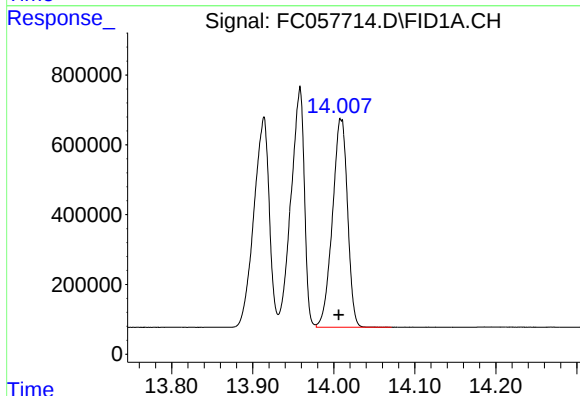
#13 n-Docosane (C22)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 7881119
Conc: 45.55 ug/ml

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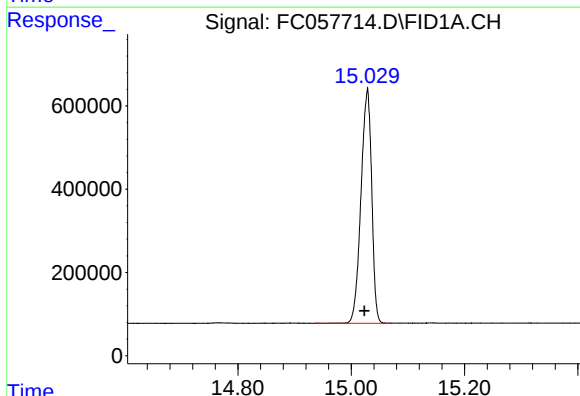
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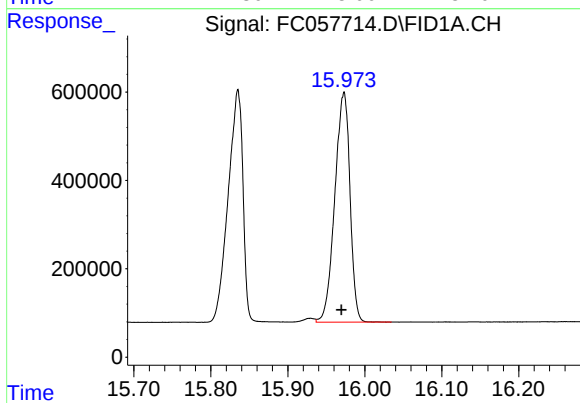
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: 0.002 min
Response: 7726285
Conc: 44.63 ug/ml



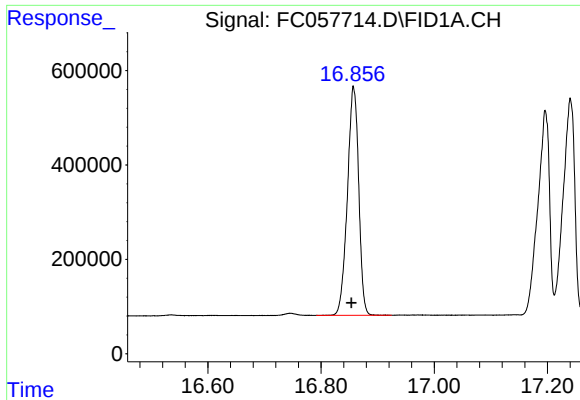
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.005 min
Response: 7378468
Conc: 43.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.973 min
Delta R.T.: 0.003 min
Response: 7116983
Conc: 43.49 ug/ml



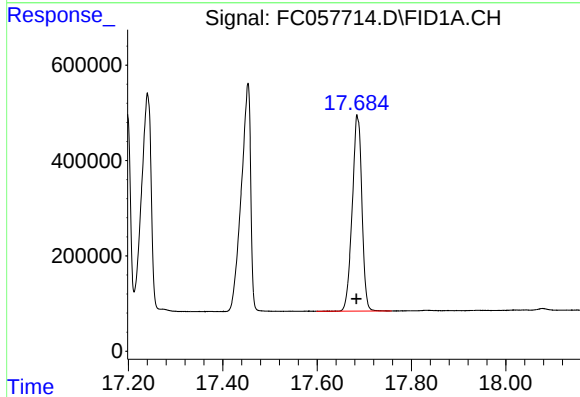
#17 n-Tricontane (C30)

R.T.: 16.858 min
Delta R.T.: 0.004 min
Response: 6709961
Conc: 42.98 ug/ml

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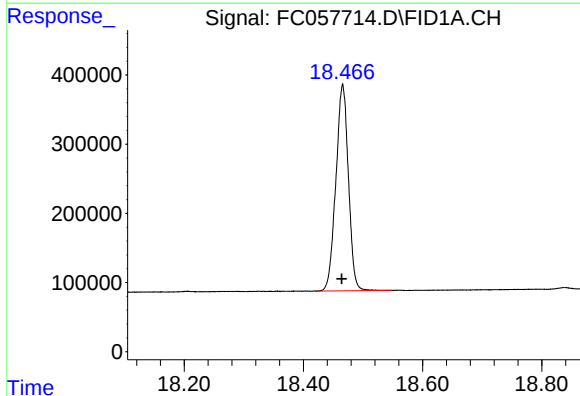
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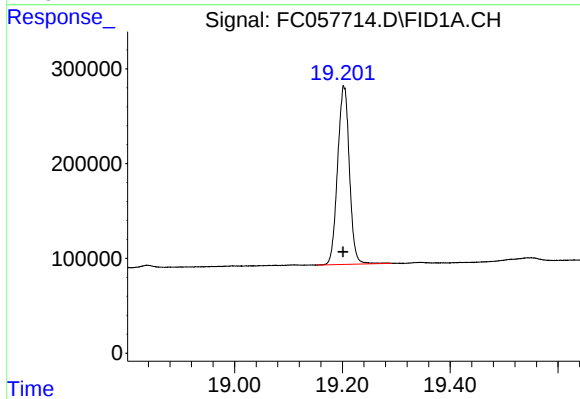
#18 n-Dotriacontane (C32)

R.T.: 17.686 min
Delta R.T.: 0.003 min
Response: 5848438
Conc: 41.95 ug/ml



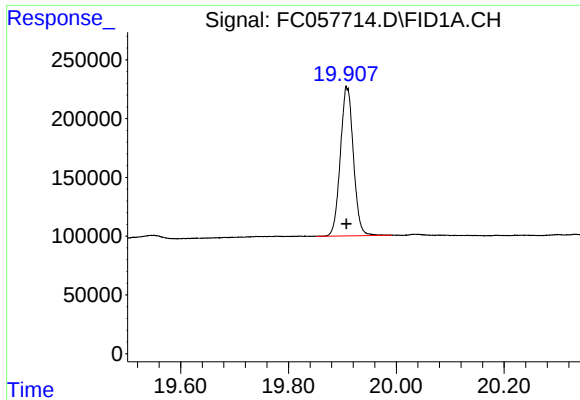
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: 0.001 min
Response: 4360766
Conc: 35.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: 0.001 min
Response: 2857734
Conc: 25.70 ug/ml



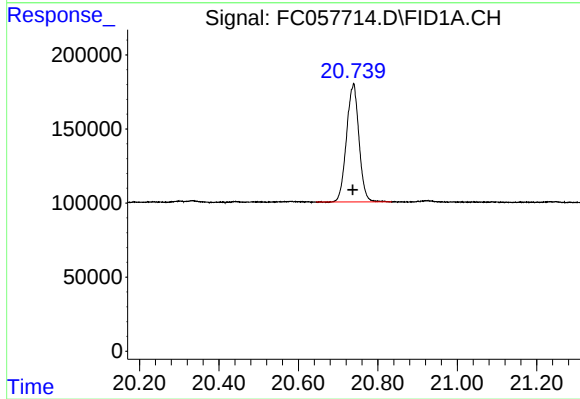
#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: 0.001 min
Response: 2127200
Conc: 20.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.738 min
Delta R.T.: 0.001 min
Response: 1735734
Conc: 18.13 ug/ml