

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058163.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 17:36
 Operator : AJ\MA
 Sample : N1272-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ETGI-348MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/28/2022
 Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
 Quant Time: Jan 28 01:04:36 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)	10.698	5964736	30.847 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
12) S 1-chlorooctadecane (S...	12.134	4508347	30.588 ug/ml
Spiked Amount 50.000		Recovery =	61.18%
Target Compounds			
1) T n-Nonane (C9)	2.629	4822938	30.160 ug/ml
2) T n-Decane (C10)	3.619	5672887	35.294 ug/ml
3) T A~Naphthalene (C11.7)	5.154	6993857	38.516 ug/ml
4) T n-Dodecane (C12)	5.588	6390953	39.627 ug/ml
5) T A~2-methylnaphthalene...	6.195	7175963	39.241 ug/ml
6) T n-Tetradecane (C14)	7.371	7023678	42.544 ug/ml
7) T n-Hexadecane (C16)	8.960	7681086	45.983 ug/ml
8) T n-Octadecane (C18)	10.396	7902314	45.920 ug/ml
10) T n-Eicosane (C20)	11.697	7763596	45.350 ug/mlm
11) T n-Heneicosane (C21)	12.307	7518764	43.480 ug/ml
13) T n-Docosane (C22)	12.890	7399890	42.773 ug/ml
14) T n-Tetracosane (C24)	13.987	7216555	41.688 ug/ml
15) T n-Hexacosane (C26)	15.007	7074941	42.040 ug/ml
16) T n-Octacosane (C28)	15.950	7117660	43.495 ug/ml
17) T n-Tricontane (C30)	16.836	6908202	44.248 ug/ml
18) T n-Dotriacontane (C32)	17.665	6680047	47.911 ug/ml
19) T n-Tetratriacontane (C34)	18.445	6220514	50.049 ug/ml
20) T n-Hexatriacontane (C36)	19.183	5299812	47.669 ug/mlm
21) T n-Octatriacontane (C38)	19.886	4896728	46.942 ug/mlm
22) T n-Tetracontane (C40)	20.710	4992395	52.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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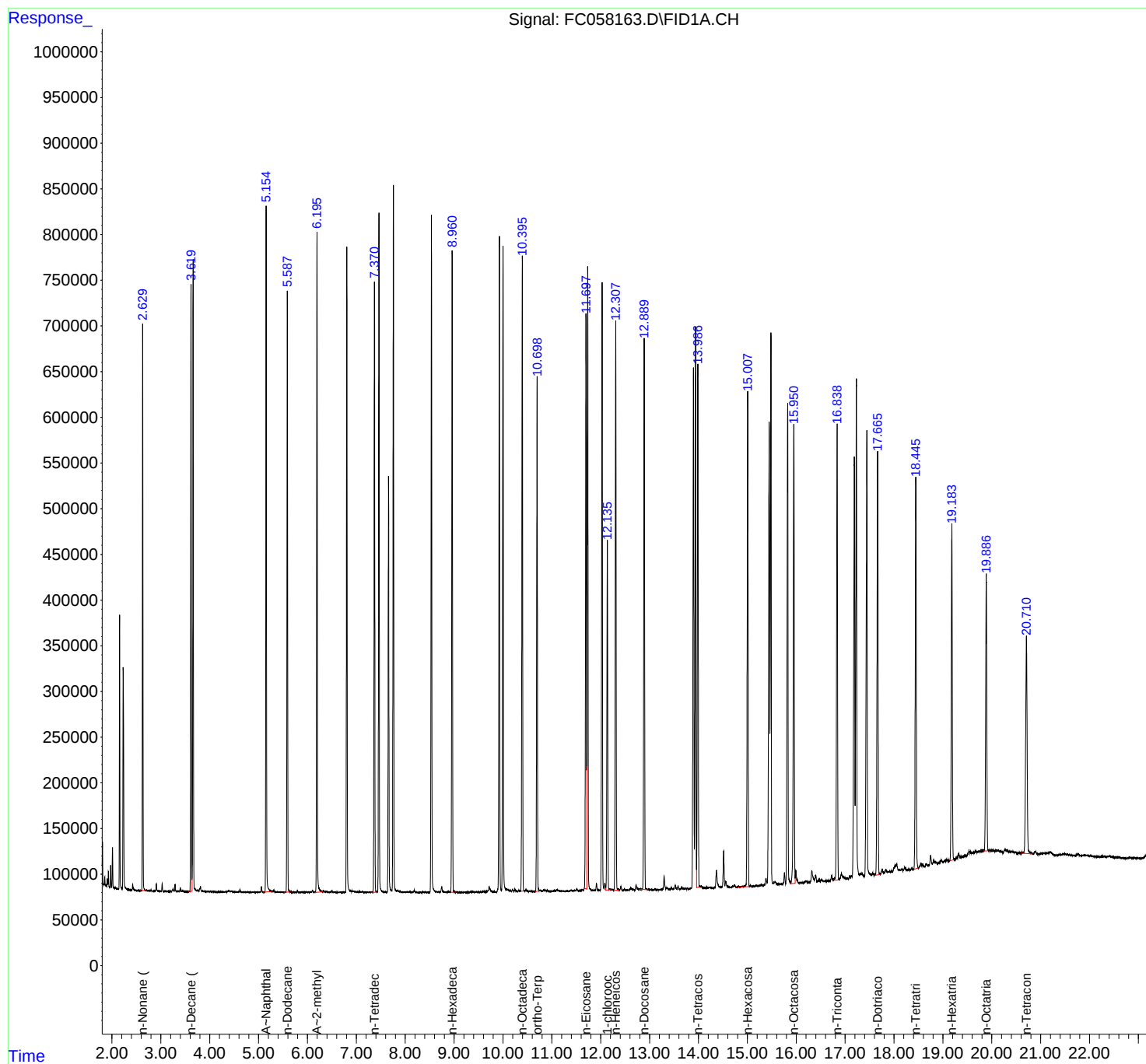
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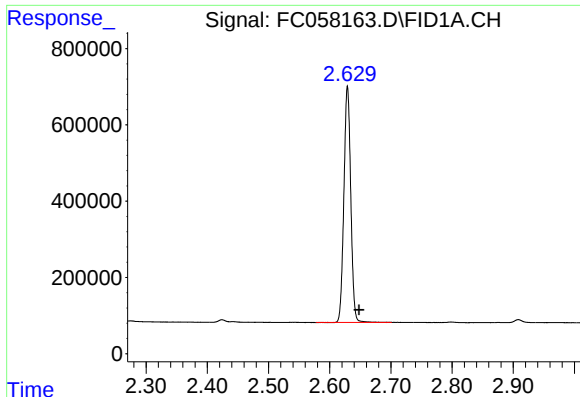
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#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.019 min
Response: 4822938
Conc: 30.16 ug/ml

Instrument :

FID_C

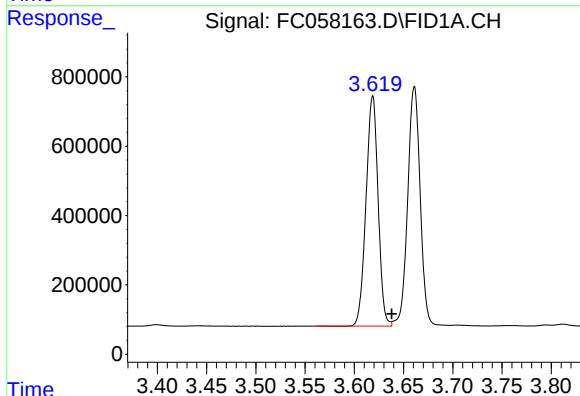
ClientSampleId :

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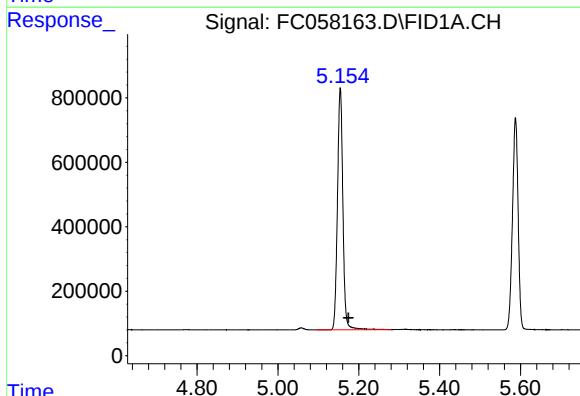
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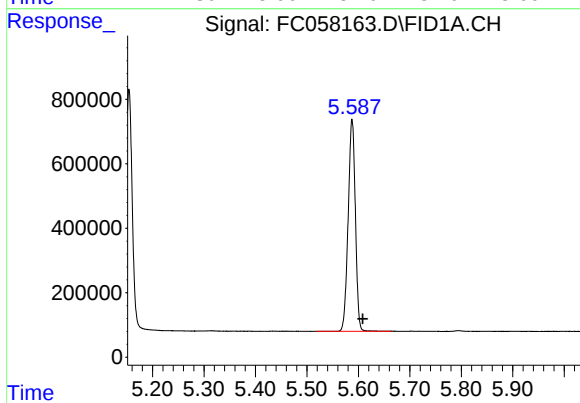
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 5672887
Conc: 35.29 ug/ml



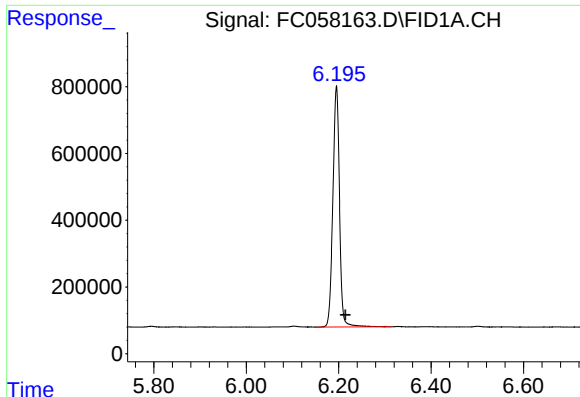
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.020 min
Response: 6993857
Conc: 38.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 6390953
Conc: 39.63 ug/ml



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

R.T.: 6.195 min
Delta R.T.: -0.020 min
Response: 7175963
Conc: 39.24 ug/ml

Instrument :

FID_C

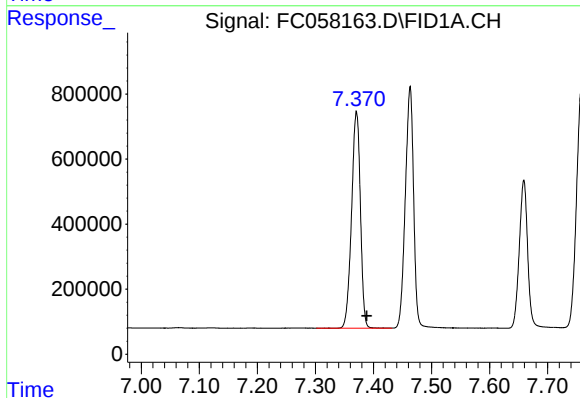
ClientSampleId :

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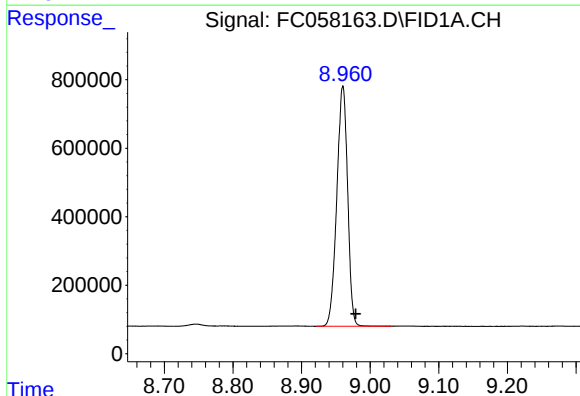
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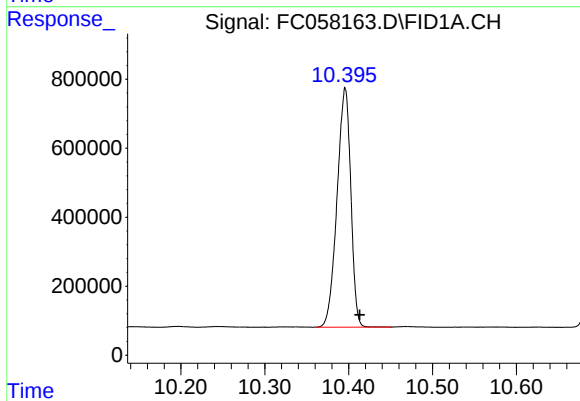
#6 n-Tetradecane (C14)

R.T.: 7.371 min
Delta R.T.: -0.018 min
Response: 7023678
Conc: 42.54 ug/ml



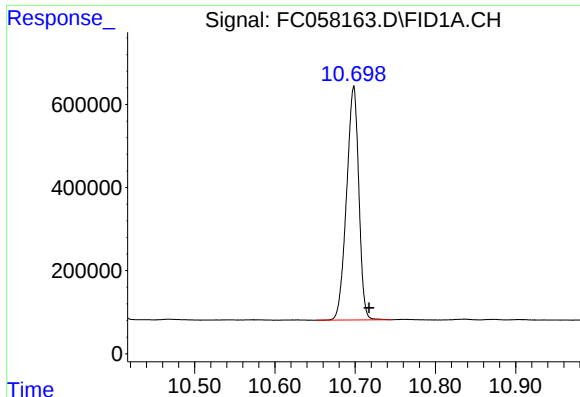
#7 n-Hexadecane (C16)

R.T.: 8.960 min
Delta R.T.: -0.019 min
Response: 7681086
Conc: 45.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.396 min
Delta R.T.: -0.018 min
Response: 7902314
Conc: 45.92 ug/ml



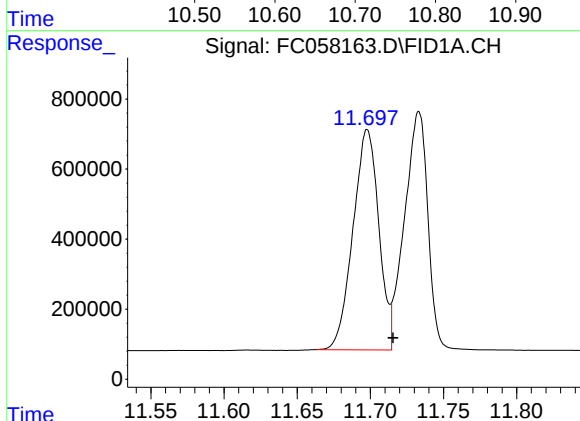
#9 ortho-Terphenyl (SURR)

R.T.: 10.698 min
Delta R.T.: -0.020 min
Response: 5964736
Conc: 30.85 ug/ml

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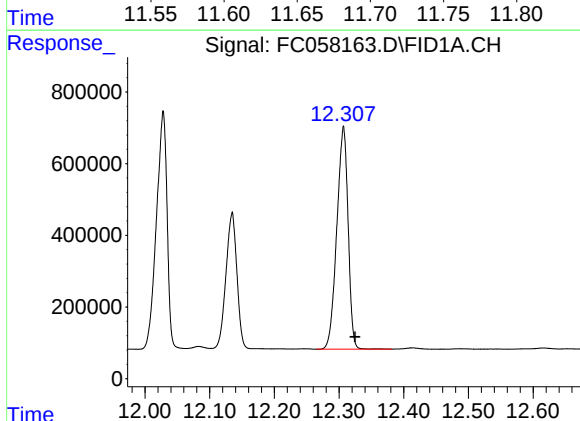
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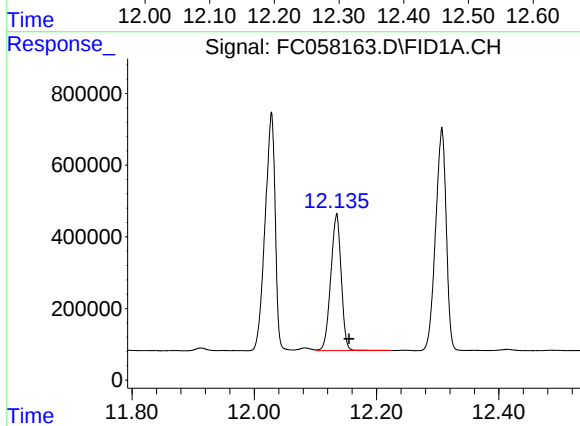
#10 n-Eicosane (C20)

R.T.: 11.697 min
Delta R.T.: -0.018 min
Response: 7763596
Conc: 45.35 ug/ml m



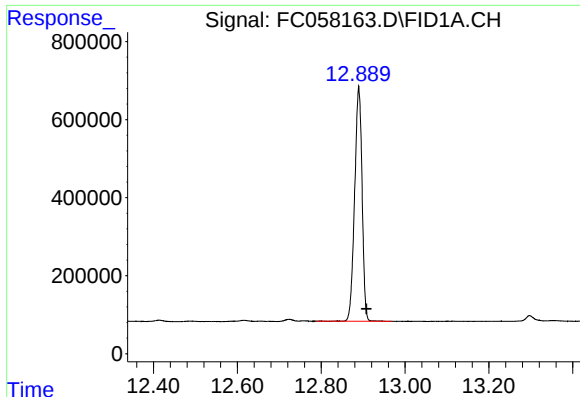
#11 n-Heneicosane (C21)

R.T.: 12.307 min
Delta R.T.: -0.018 min
Response: 7518764
Conc: 43.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.134 min
Delta R.T.: -0.020 min
Response: 4508347
Conc: 30.59 ug/ml



#13 n-Docosane (C22)

R.T.: 12.890 min
Delta R.T.: -0.018 min
Response: 7399890
Conc: 42.77 ug/ml

Instrument :

FID_C

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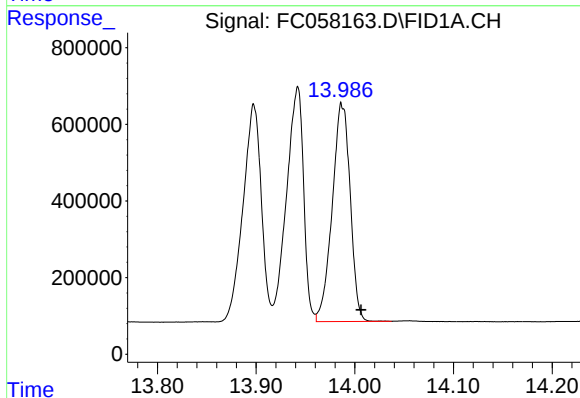
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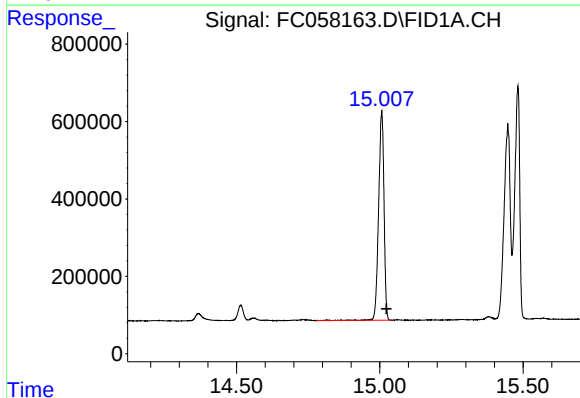
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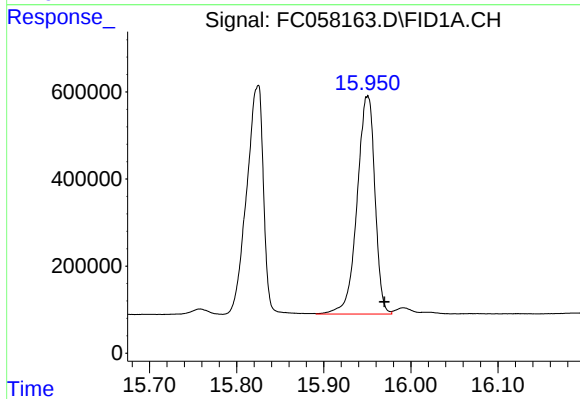
#14 n-Tetracosane (C24)

R.T.: 13.987 min
Delta R.T.: -0.019 min
Response: 7216555
Conc: 41.69 ug/ml



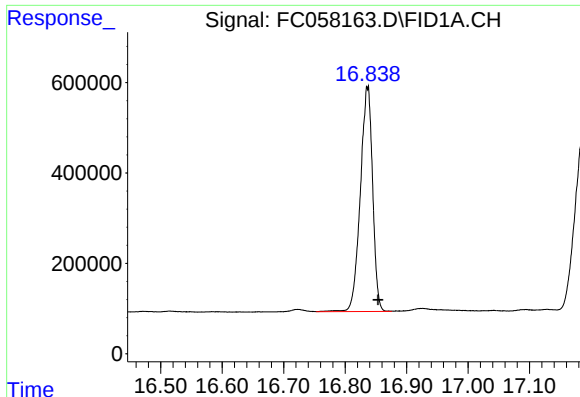
#15 n-Hexacosane (C26)

R.T.: 15.007 min
Delta R.T.: -0.017 min
Response: 7074941
Conc: 42.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.950 min
Delta R.T.: -0.019 min
Response: 7117660
Conc: 43.49 ug/ml



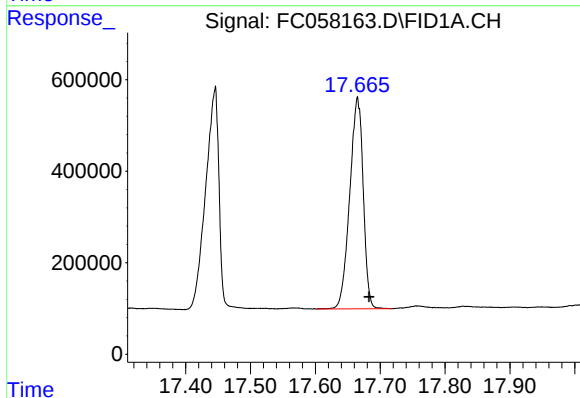
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.017 min
Response: 6908202
Conc: 44.25 ug/ml

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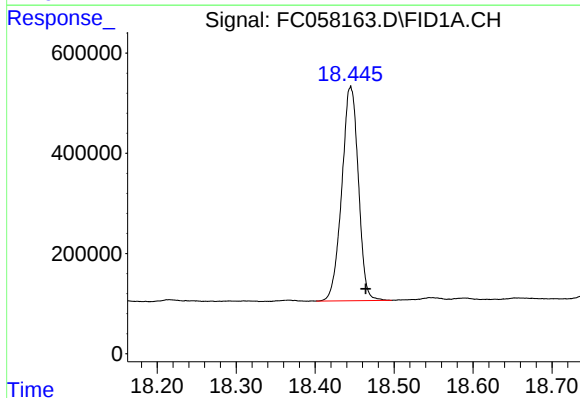
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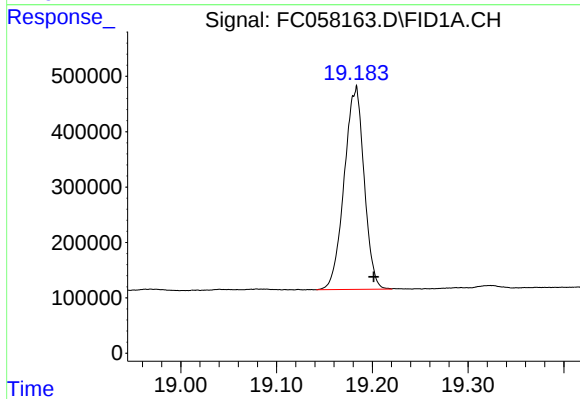
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.018 min
Response: 6680047
Conc: 47.91 ug/ml



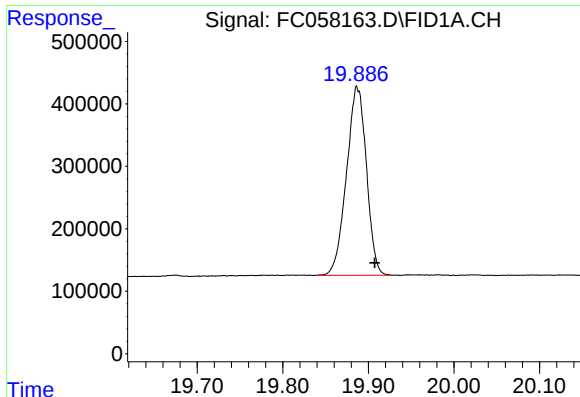
#19 n-Tetratriacontane (C34)

R.T.: 18.445 min
Delta R.T.: -0.019 min
Response: 6220514
Conc: 50.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.183 min
Delta R.T.: -0.018 min
Response: 5299812
Conc: 47.67 ug/ml m



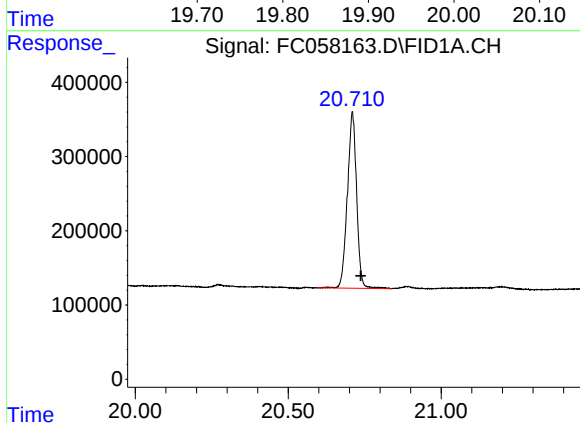
#21 n-Octatriacontane (C38)

R.T.: 19.886 min
Delta R.T.: -0.022 min
Response: 4896728
Conc: 46.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.710 min
Delta R.T.: -0.027 min
Response: 4992395
Conc: 52.14 ug/ml