

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058127.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jan 2022 16:23
 Operator : AJ\MA
 Sample : PB142283BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:33:09 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)	10.700	8106468	41.923 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
12) S 1-chlorooctadecane (S...	12.136	6339241	43.011 ug/ml
Spiked Amount 50.000		Recovery =	86.02%
Target Compounds			
1) T n-Nonane (C9)	2.638	6349065	39.704 ug/ml
2) T n-Decane (C10)	3.624	6779055	42.177 ug/ml
3) T A~Naphthalene (C11.7)	5.157	7938632	43.720 ug/ml
4) T n-Dodecane (C12)	5.590	7179632	44.517 ug/ml
5) T A~2-methylnaphthalene...	6.197	7840306	42.874 ug/ml
6) T n-Tetradecane (C14)	7.372	7769191	47.059 ug/ml
7) T n-Hexadecane (C16)	8.962	8575753	51.339 ug/ml
8) T n-Octadecane (C18)	10.397	8835365	51.342 ug/ml
10) T n-Eicosane (C20)	11.699	8603328	50.255 ug/ml
11) T n-Heneicosane (C21)	12.308	8246412	47.688 ug/ml
13) T n-Docosane (C22)	12.891	8076841	46.685 ug/ml
14) T n-Tetracosane (C24)	13.990	7877415	45.506 ug/ml
15) T n-Hexacosane (C26)	15.007	7544366	44.830 ug/ml
16) T n-Octacosane (C28)	15.951	7540047	46.076 ug/ml
17) T n-Tricontane (C30)	16.838	7316023	46.860 ug/ml
18) T n-Dotriacontane (C32)	17.666	7060819	50.643 ug/ml
19) T n-Tetratriacontane (C34)	18.447	6584266	52.976 ug/ml
20) T n-Hexatriacontane (C36)	19.182	5689551	51.175 ug/mlm
21) T n-Octatriacontane (C38)	19.887	5288647	50.699 ug/mlm
22) T n-Tetracontane (C40)	20.709	5333575	55.702 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

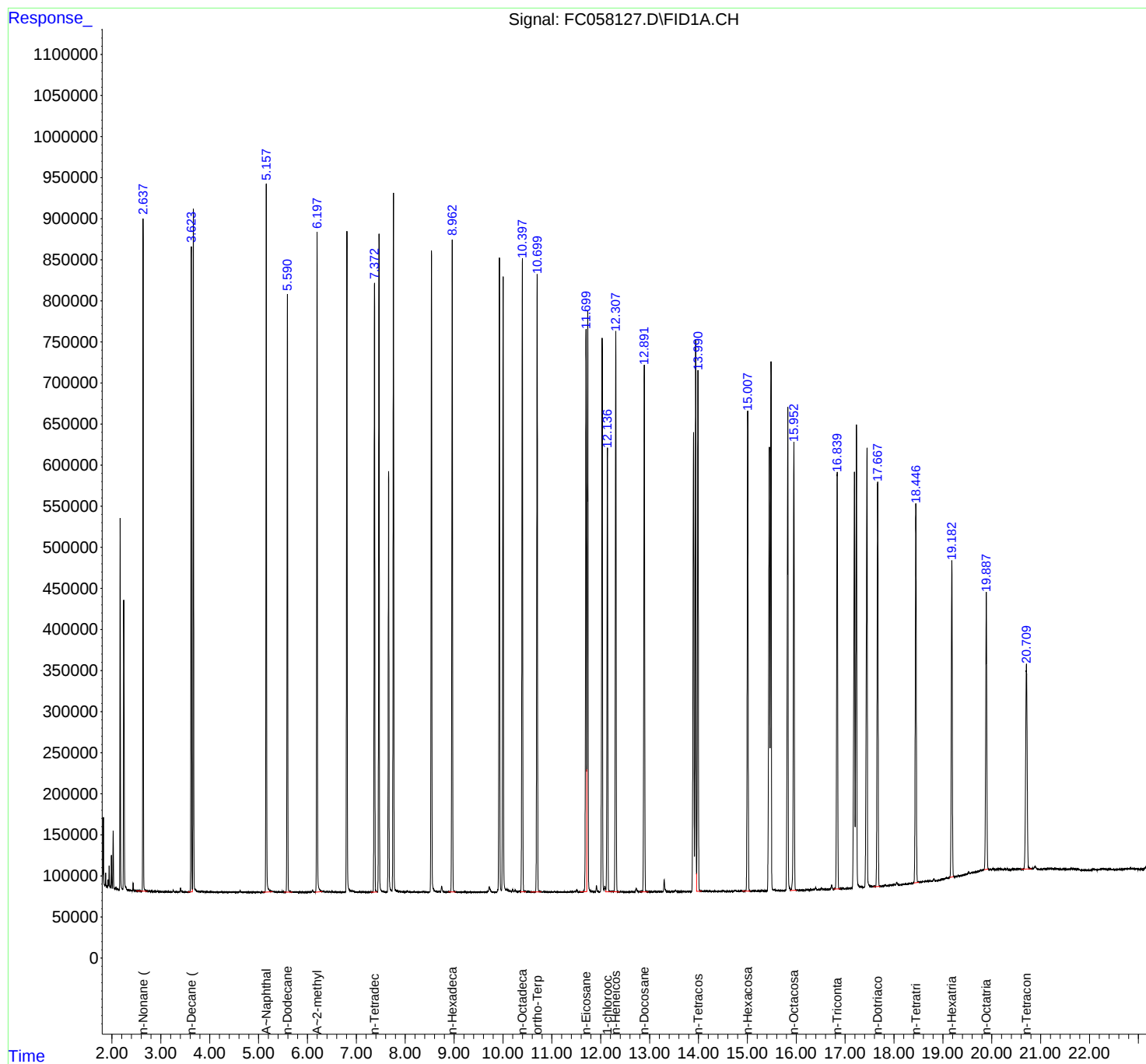
Instrument :
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ClientSampleId :

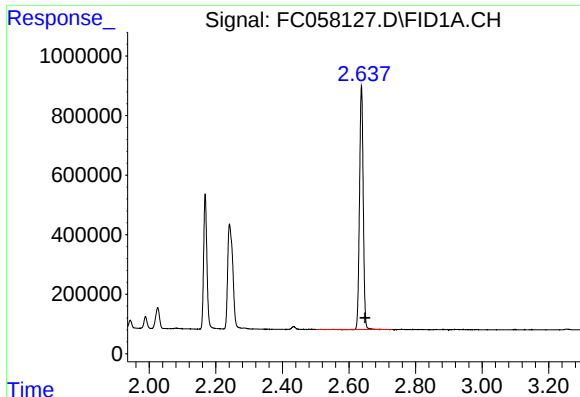
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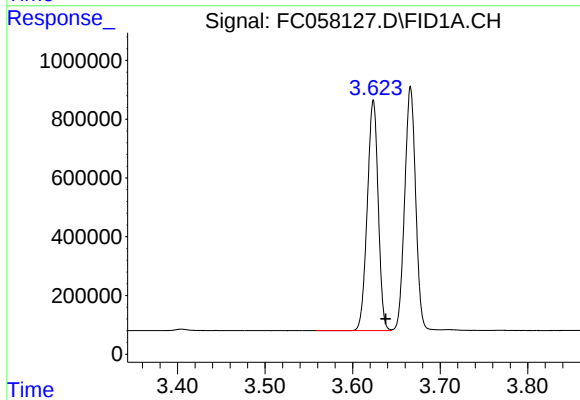
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 6349065
Conc: 39.70 ug/ml

Instrument :
FID_C
ClientSampleId :

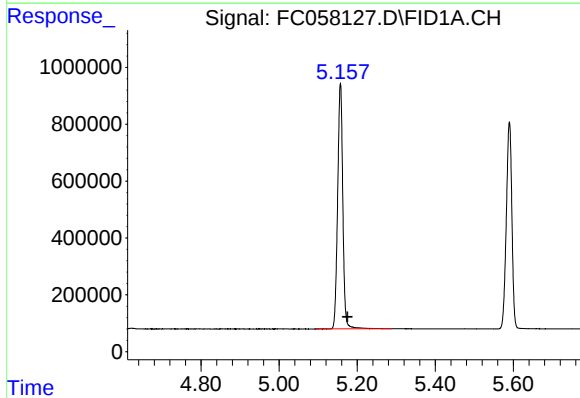
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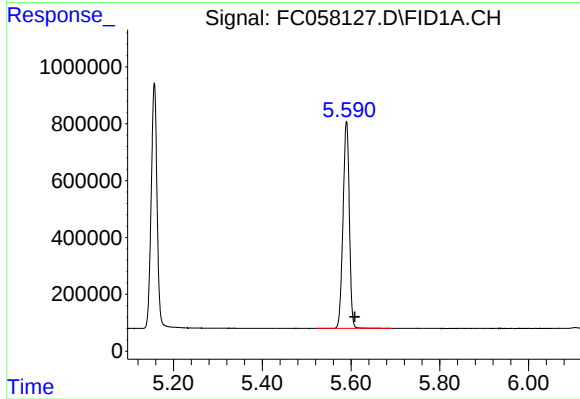
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 6779055
Conc: 42.18 ug/ml



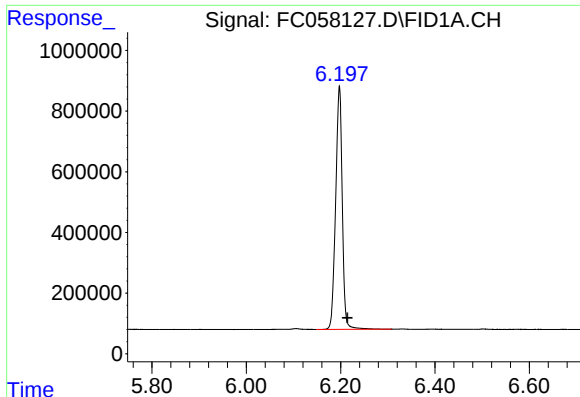
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.018 min
Response: 7938632
Conc: 43.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.590 min
Delta R.T.: -0.019 min
Response: 7179632
Conc: 44.52 ug/ml



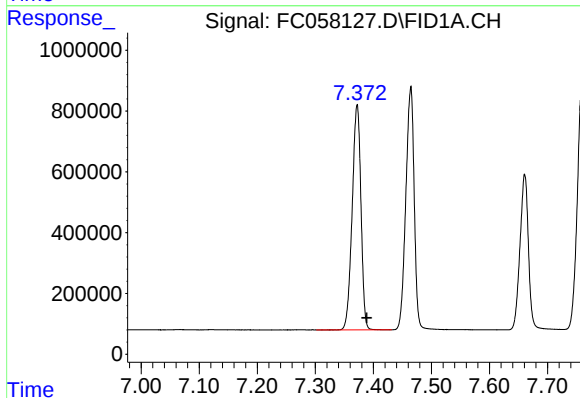
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.197 min
Delta R.T.: -0.017 min
Response: 7840306
Conc: 42.87 ug/ml

Instrument :
FID_C
ClientSampleId :

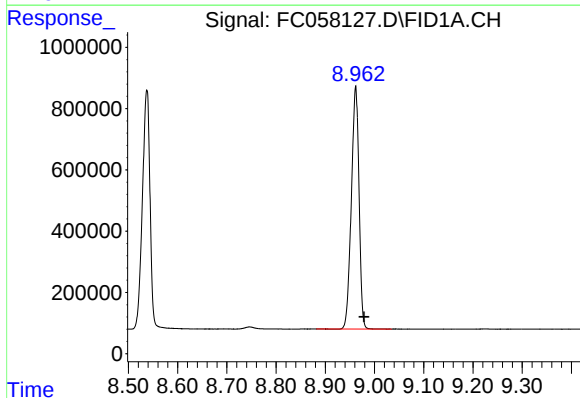
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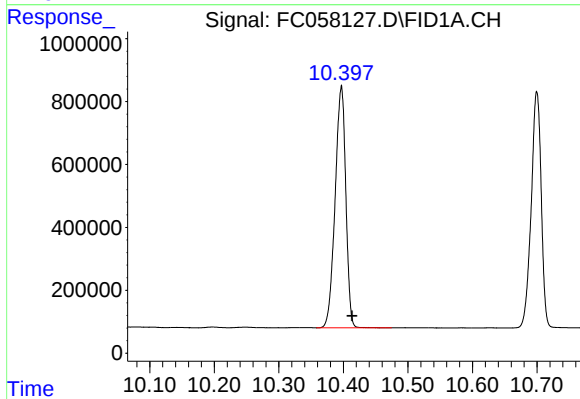
#6 n-Tetradecane (C14)

R.T.: 7.372 min
Delta R.T.: -0.017 min
Response: 7769191
Conc: 47.06 ug/ml



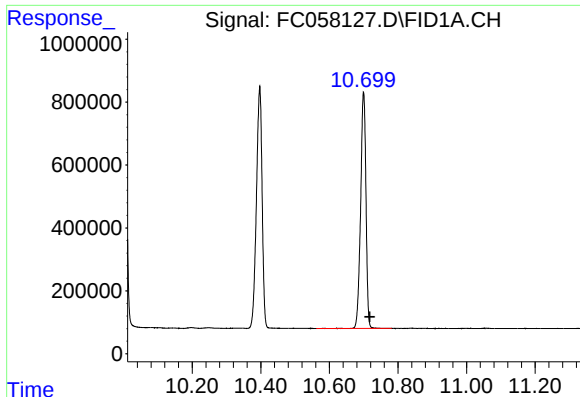
#7 n-Hexadecane (C16)

R.T.: 8.962 min
Delta R.T.: -0.017 min
Response: 8575753
Conc: 51.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.397 min
Delta R.T.: -0.017 min
Response: 8835365
Conc: 51.34 ug/ml



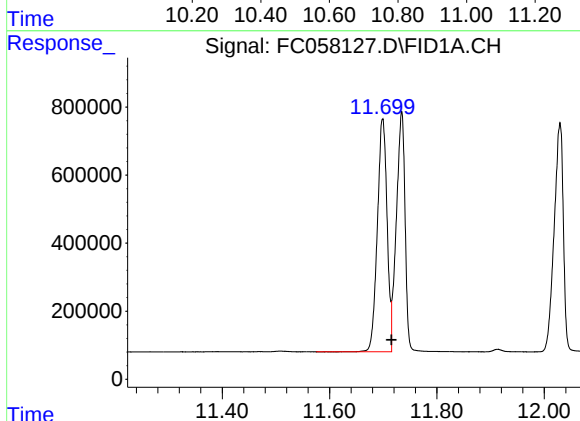
#9 ortho-Terphenyl (SURR)

R.T.: 10.700 min
Delta R.T.: -0.018 min
Response: 8106468
Conc: 41.92 ug/ml

Instrument :
FID_C
ClientSampleId :

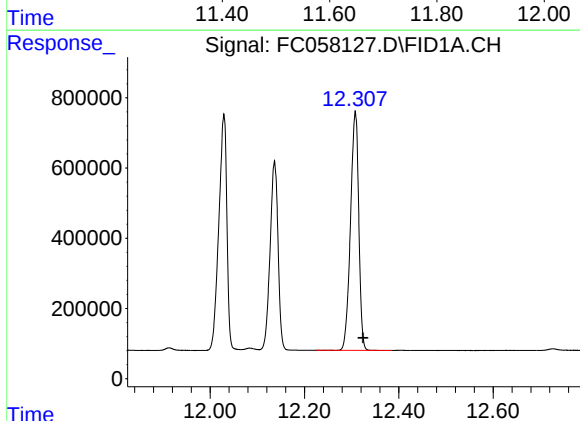
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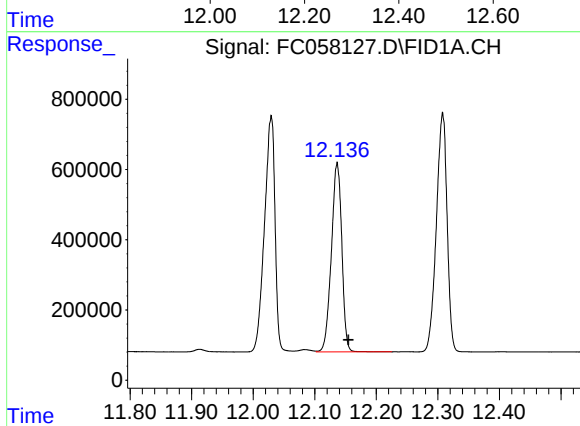
#10 n-Eicosane (C20)

R.T.: 11.699 min
Delta R.T.: -0.017 min
Response: 8603328
Conc: 50.25 ug/ml



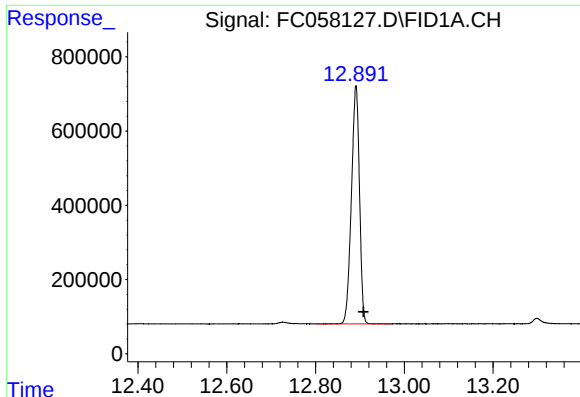
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.017 min
Response: 8246412
Conc: 47.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.136 min
Delta R.T.: -0.018 min
Response: 6339241
Conc: 43.01 ug/ml



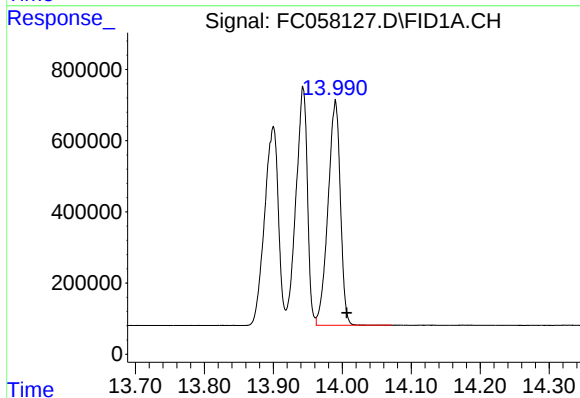
#13 n-Docosane (C22)

R.T.: 12.891 min
Delta R.T.: -0.017 min
Response: 8076841
Conc: 46.69 ug/ml

Instrument :
FID_C
ClientSampleId :

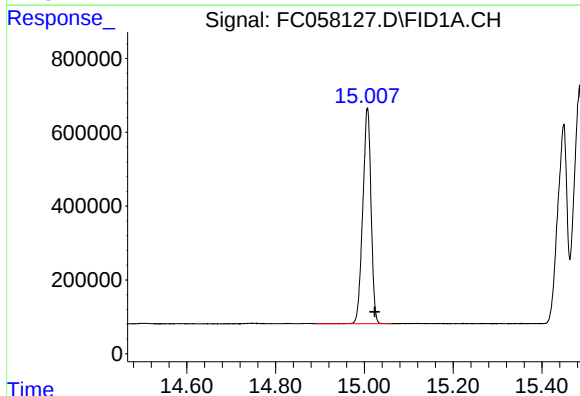
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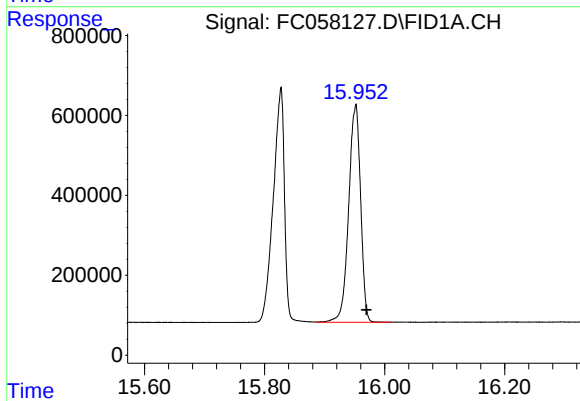
#14 n-Tetracosane (C24)

R.T.: 13.990 min
Delta R.T.: -0.017 min
Response: 7877415
Conc: 45.51 ug/ml



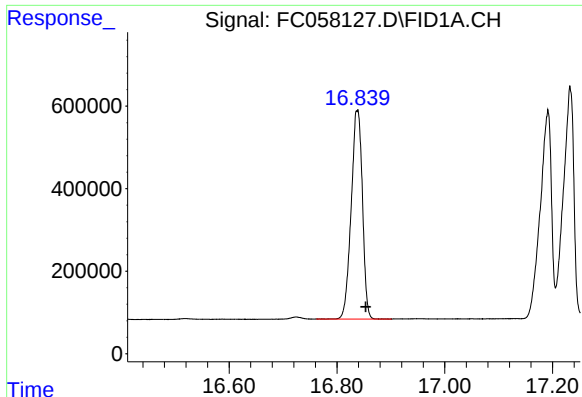
#15 n-Hexacosane (C26)

R.T.: 15.007 min
Delta R.T.: -0.016 min
Response: 7544366
Conc: 44.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.018 min
Response: 7540047
Conc: 46.08 ug/ml



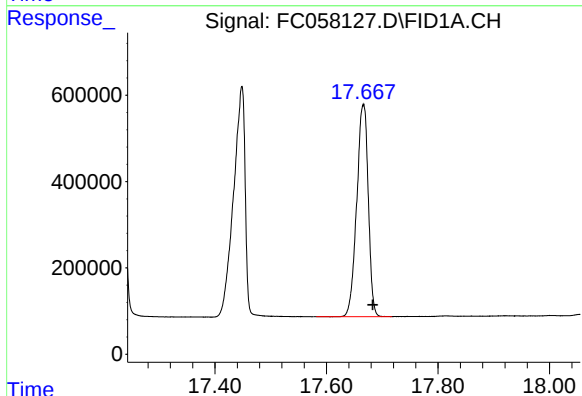
#17 n-Tricontane (C30)

R.T.: 16.838 min
Delta R.T.: -0.016 min
Response: 7316023
Conc: 46.86 ug/ml

Instrument :
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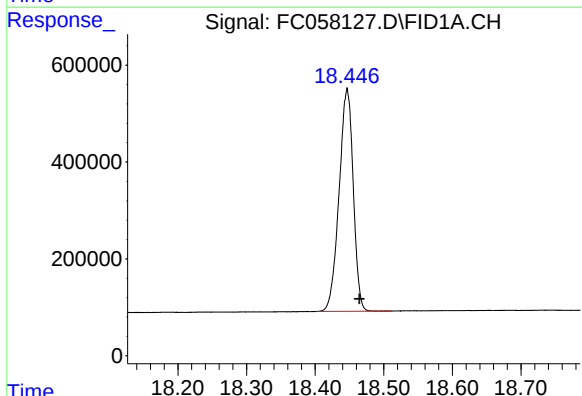
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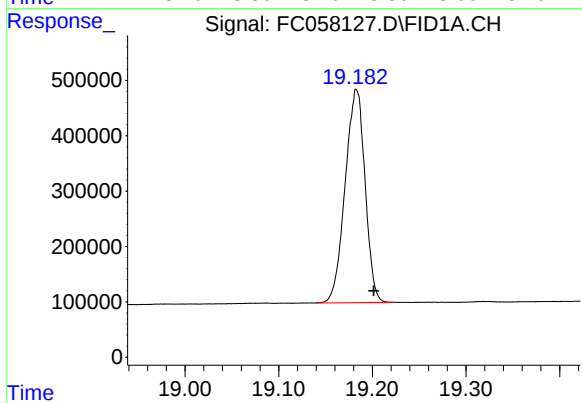
#18 n-Dotriacontane (C32)

R.T.: 17.666 min
Delta R.T.: -0.017 min
Response: 7060819
Conc: 50.64 ug/ml



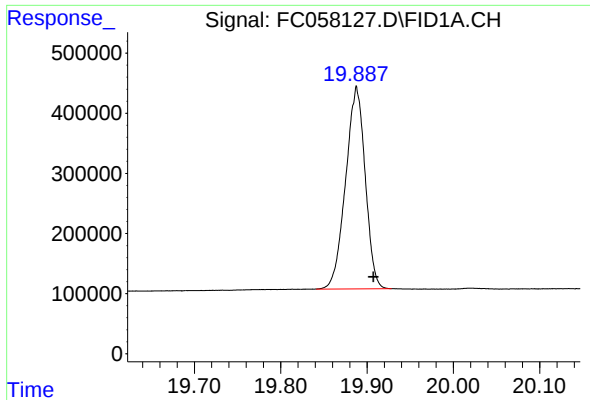
#19 n-Tetratriacontane (C34)

R.T.: 18.447 min
Delta R.T.: -0.018 min
Response: 6584266
Conc: 52.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.182 min
Delta R.T.: -0.020 min
Response: 5689551
Conc: 51.17 ug/ml m



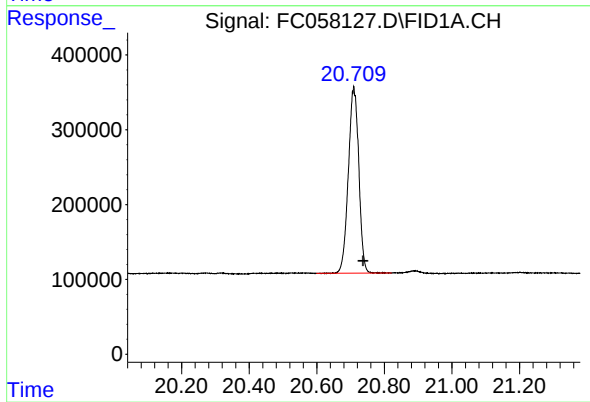
#21 n-Octatriacontane (C38)

R.T.: 19.887 min
Delta R.T.: -0.020 min
Response: 5288647
Conc: 50.70 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 20.709 min
Delta R.T.: -0.028 min
Response: 5333575
Conc: 55.70 ug/ml