

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057180.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2021 1:50
 Operator : AJ\MA
 Sample : M4873-13MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 A6-20-7.5MS

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 05:38:15 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)	11.595	4316611	37.197 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
12) S 1-chlorooctadecane (S...	13.027	3413889	37.500 ug/ml
Spiked Amount 50.000		Recovery =	75.00%
Target Compounds			
1) T n-Nonane (C9)	3.357	2992631	29.533 ug/ml
2) T n-Decane (C10)	4.422	3467570	34.628 ug/ml
3) T A~Naphthalene (C11.7)	6.011	4074817	36.493 ug/ml
4) T n-Dodecane (C12)	6.439	3839340	37.866 ug/ml
5) T A~2-methylnaphthalene...	7.068	4273416	38.757 ug/ml
6) T n-Tetradecane (C14)	8.235	4132171	40.783 ug/ml
7) T n-Hexadecane (C16)	9.834	4443432	43.301 ug/ml
8) T n-Octadecane (C18)	11.275	4632447	43.238 ug/ml
10) T n-Eicosane (C20)	12.583	4520587	42.266 ug/ml
11) T n-Heneicosane (C21)	13.194	4439772	40.998 ug/ml
13) T n-Docosane (C22)	13.779	4360595	40.702 ug/ml
14) T n-Tetracosane (C24)	14.878	8274710	76.437 ug/ml
15) T n-Hexacosane (C26)	15.898	4066439	38.176 ug/ml
16) T n-Octacosane (C28)	16.843	3933175	36.874 ug/mlm
17) T n-Tricontane (C30)	17.730	3867001	36.281 ug/ml
18) T n-Dotriacontane (C32)	18.559	3739449	35.452 ug/ml
19) T n-Tetratriacontane (C34)	19.338	3624438	34.888 ug/ml
20) T n-Hexatriacontane (C36)	20.076	3419955	33.859 ug/mlm
21) T n-Octatriacontane (C38)	20.808	3325328	36.225 ug/ml
22) T n-Tetracontane (C40)	21.714	3318578	36.839 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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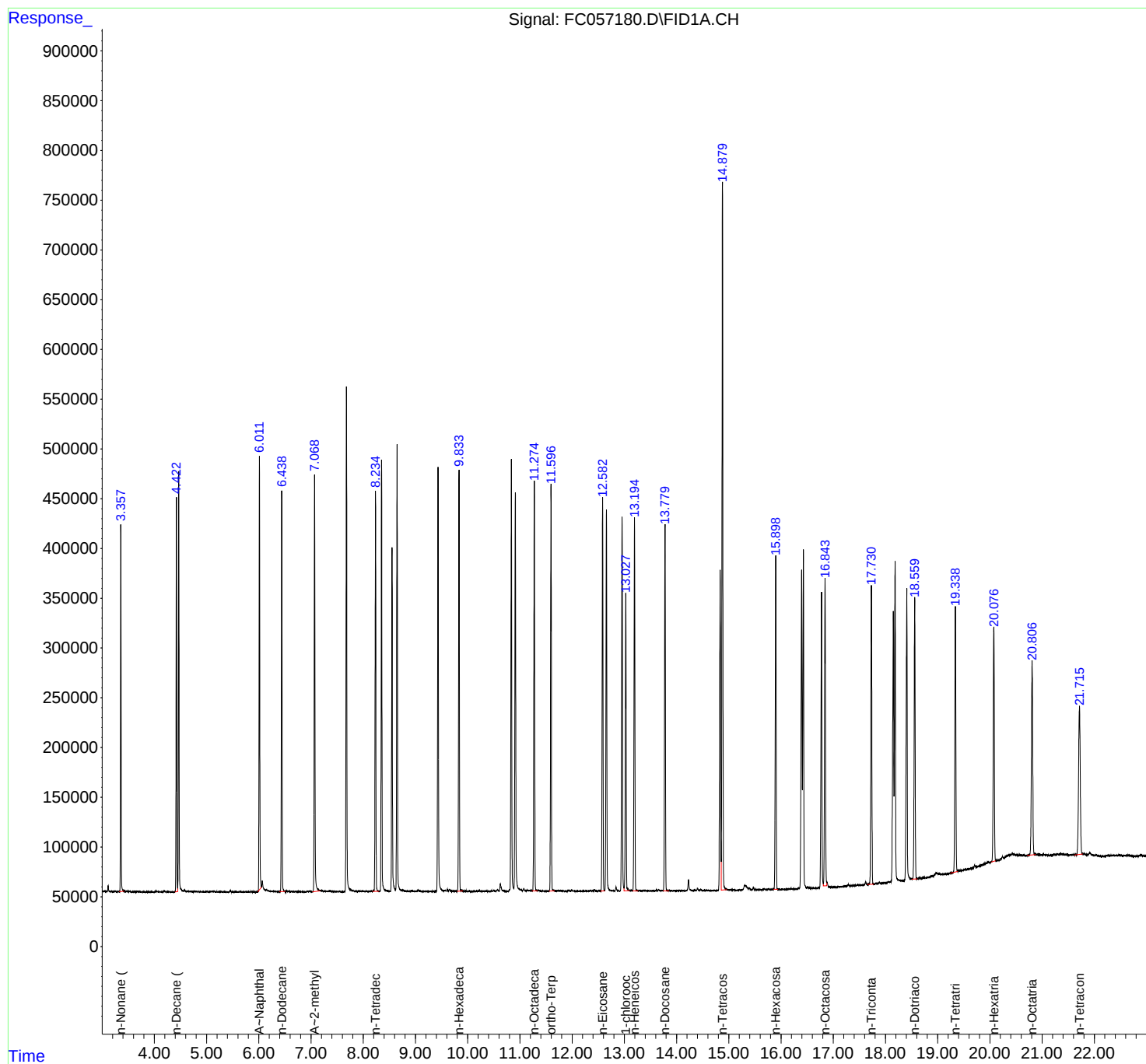
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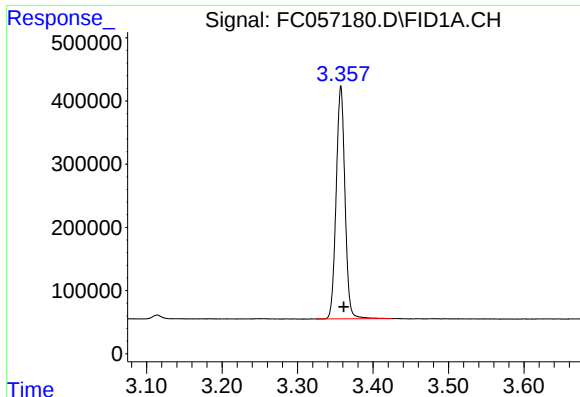
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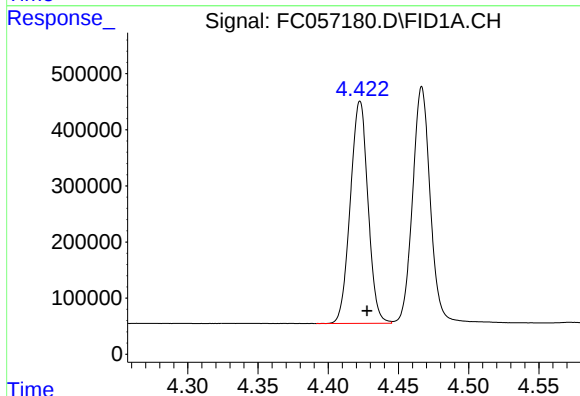
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 2992631
Conc: 29.53 ug/ml

Instrument :
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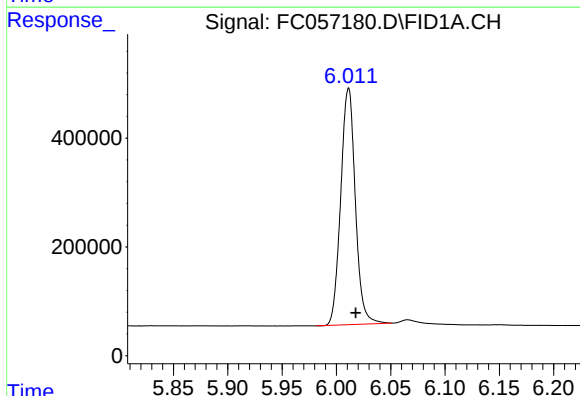
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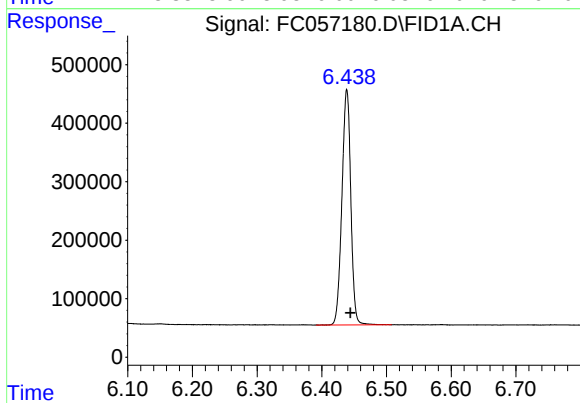
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.005 min
Response: 3467570
Conc: 34.63 ug/ml



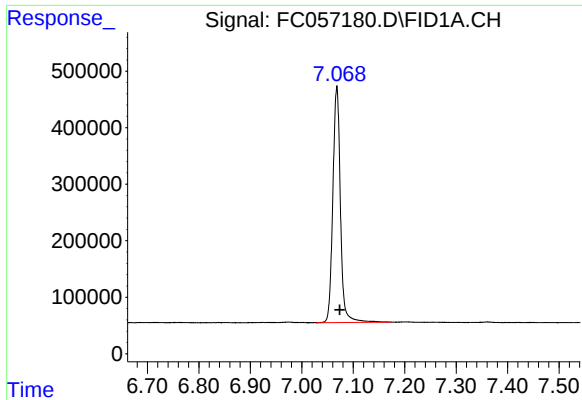
#3 A~Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.007 min
Response: 4074817
Conc: 36.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.439 min
Delta R.T.: -0.006 min
Response: 3839340
Conc: 37.87 ug/ml



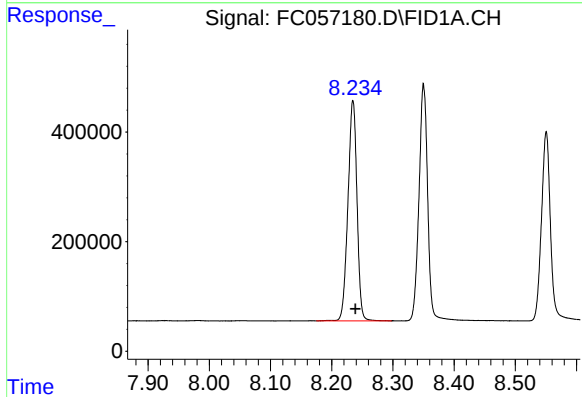
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 4273416
Conc: 38.76 ug/ml

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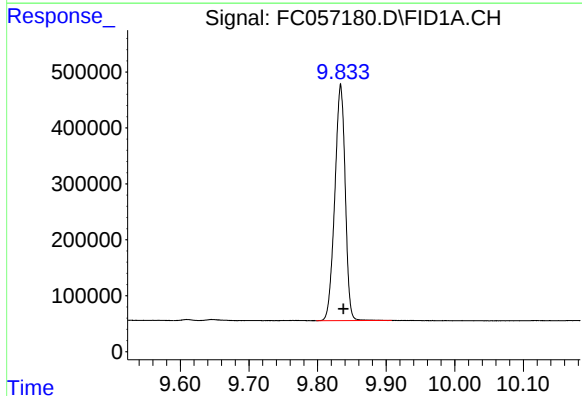
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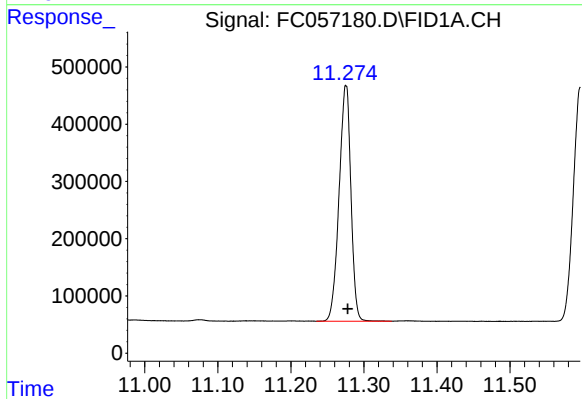
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 4132171
Conc: 40.78 ug/ml



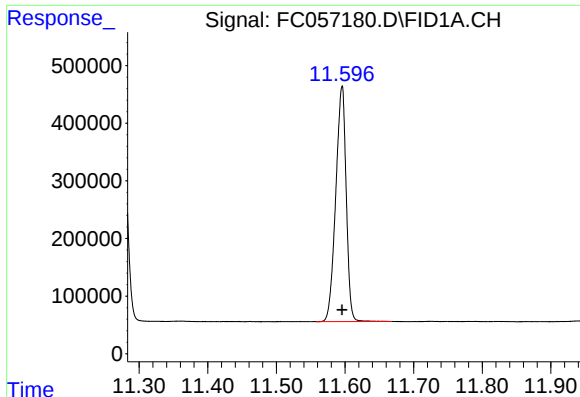
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.004 min
Response: 4443432
Conc: 43.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 4632447
Conc: 43.24 ug/ml



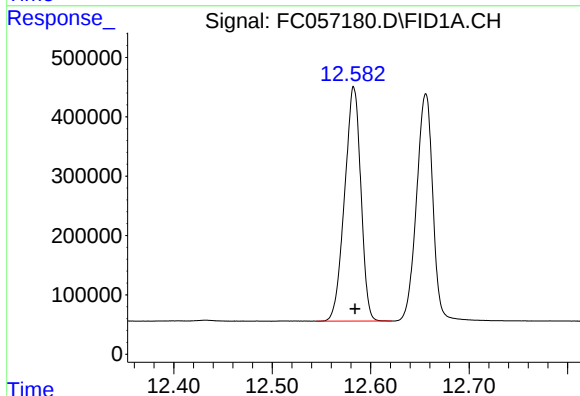
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 4316611
Conc: 37.20 ug/ml

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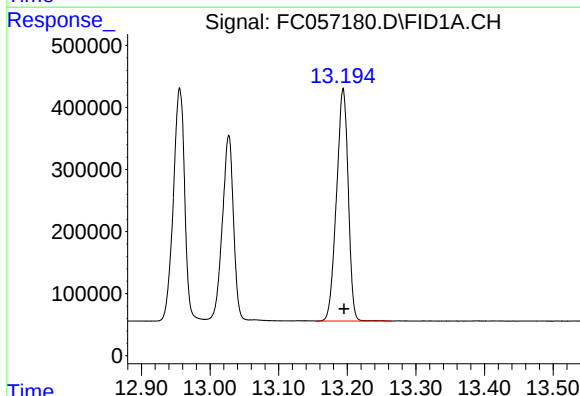
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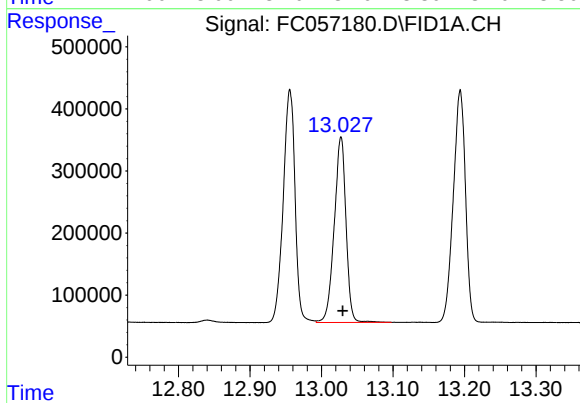
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 4520587
Conc: 42.27 ug/ml



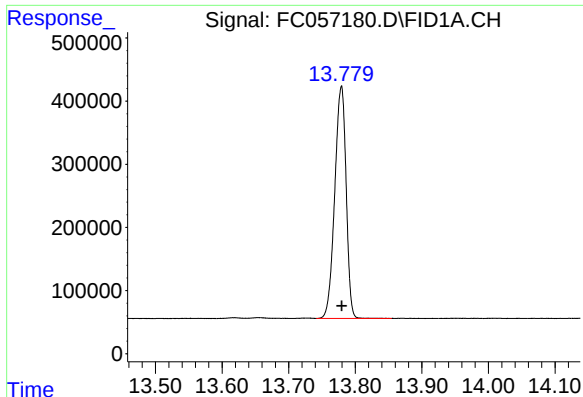
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 4439772
Conc: 41.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 3413889
Conc: 37.50 ug/ml



#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.001 min
Response: 4360595
Conc: 40.70 ug/ml

Instrument :

FID_C

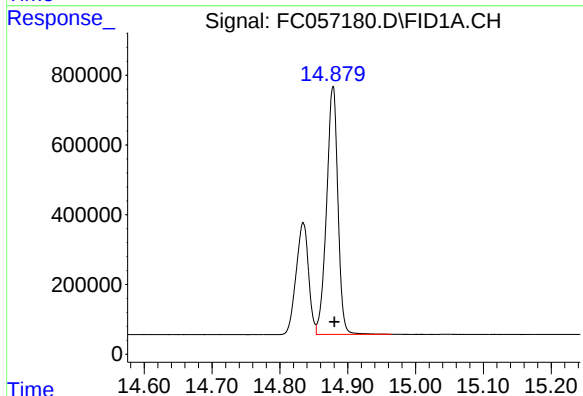
ClientSampleId :

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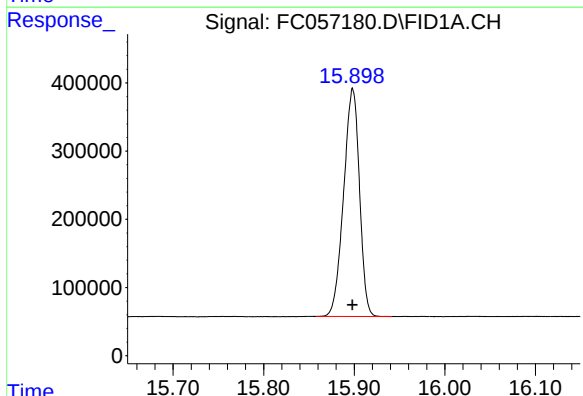
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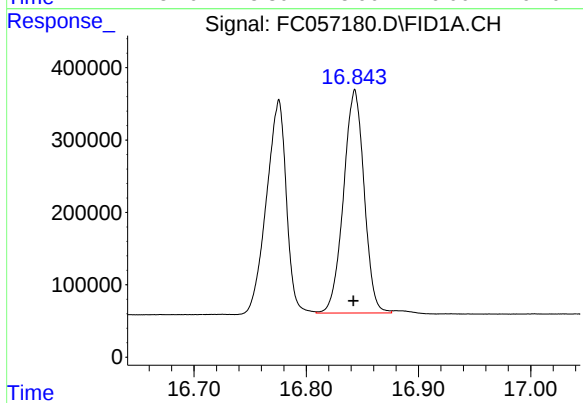
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 8274710
Conc: 76.44 ug/ml



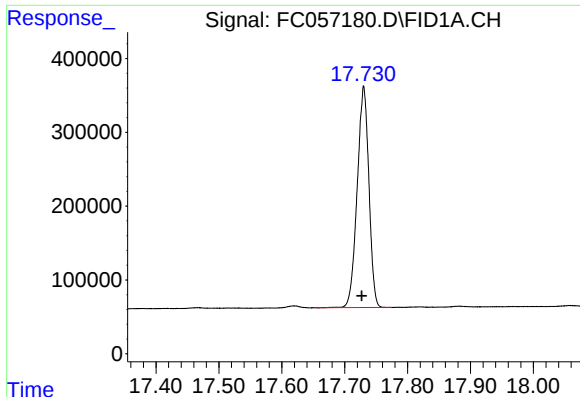
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 4066439
Conc: 38.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 3933175
Conc: 36.87 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.003 min
Response: 3867001
Conc: 36.28 ug/ml

Instrument :

FID_C

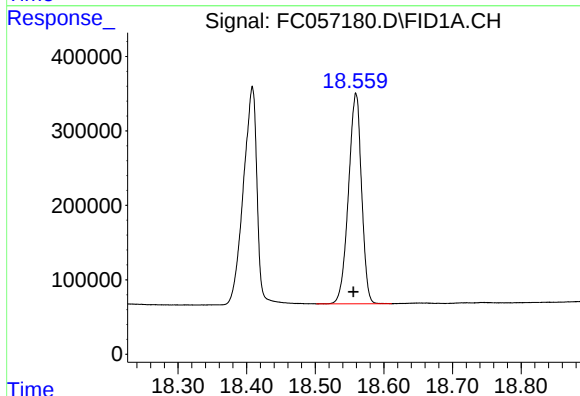
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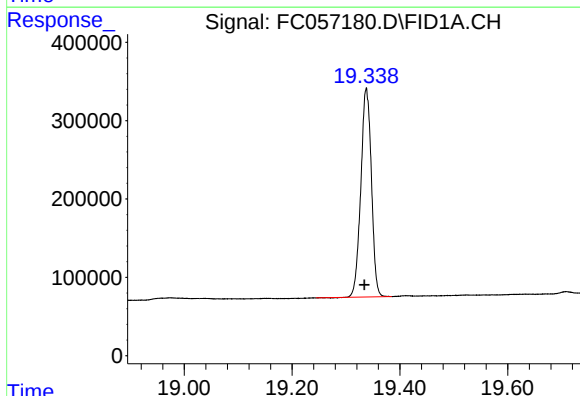
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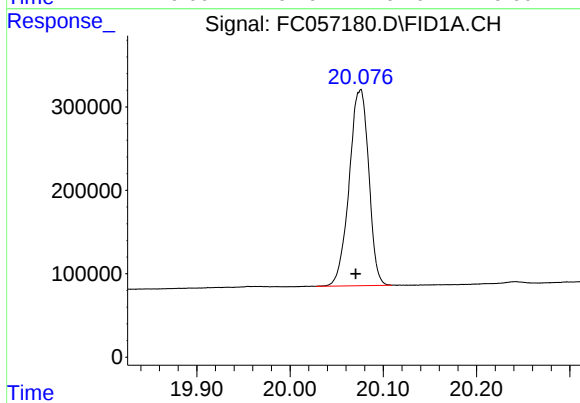
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.003 min
Response: 3739449
Conc: 35.45 ug/ml



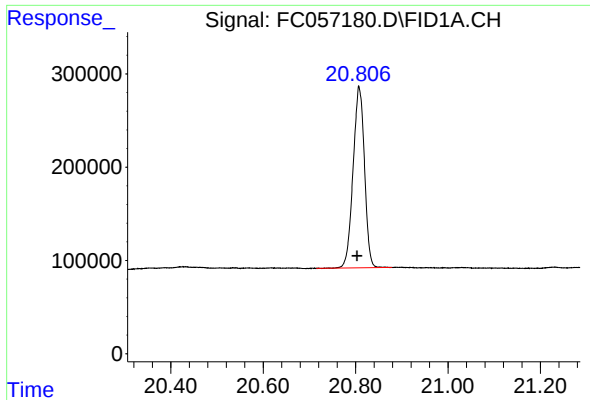
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.004 min
Response: 3624438
Conc: 34.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.006 min
Response: 3419955
Conc: 33.86 ug/ml m



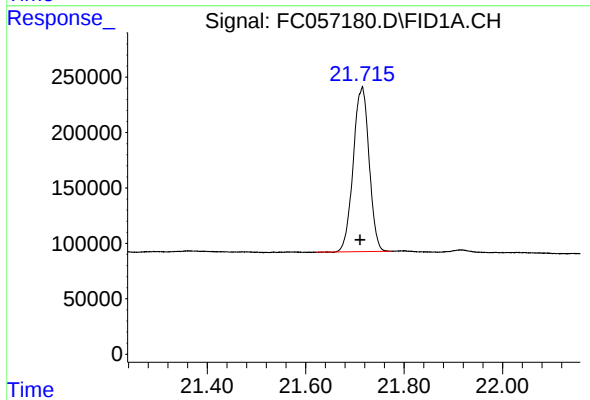
#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.005 min
Response: 3325328
Conc: 36.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.004 min
Response: 3318578
Conc: 36.84 ug/ml