

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057181.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2021 2:29
 Operator : AJ\MA
 Sample : M4873-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 A6-20-7.5MSD

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 05:38:40 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)	11.594	4638227	39.969 ug/ml
Spiked Amount 50.000		Recovery =	79.94%
12) S 1-chlorooctadecane (S...	13.026	3668308	40.294 ug/ml
Spiked Amount 50.000		Recovery =	80.59%
Target Compounds			
1) T n-Nonane (C9)	3.357	3188737	31.468 ug/ml
2) T n-Decane (C10)	4.422	3692201	36.871 ug/ml
3) T A~Naphthalene (C11.7)	6.010	4346666	38.927 ug/ml
4) T n-Dodecane (C12)	6.438	4089594	40.335 ug/ml
5) T A~2-methylnaphthalene...	7.068	4542417	41.197 ug/ml
6) T n-Tetradecane (C14)	8.235	4412641	43.552 ug/ml
7) T n-Hexadecane (C16)	9.833	4766936	46.454 ug/ml
8) T n-Octadecane (C18)	11.274	4982076	46.501 ug/ml
10) T n-Eicosane (C20)	12.582	4862233	45.460 ug/ml
11) T n-Heneicosane (C21)	13.193	4773567	44.080 ug/ml
13) T n-Docosane (C22)	13.778	4686649	43.746 ug/ml
14) T n-Tetracosane (C24)	14.878	8932088	82.509 ug/ml
15) T n-Hexacosane (C26)	15.897	4391824	41.231 ug/ml
16) T n-Octacosane (C28)	16.845	4225564	39.615 ug/mlm
17) T n-Tricontane (C30)	17.730	4186753	39.281 ug/ml
18) T n-Dotriacontane (C32)	18.558	4047984	38.377 ug/ml
19) T n-Tetratriacontane (C34)	19.338	3927908	37.809 ug/ml
20) T n-Hexatriacontane (C36)	20.073	3766609	37.291 ug/mlm
21) T n-Octatriacontane (C38)	20.807	3562546	38.809 ug/mlm
22) T n-Tetracontane (C40)	21.715	3603117	39.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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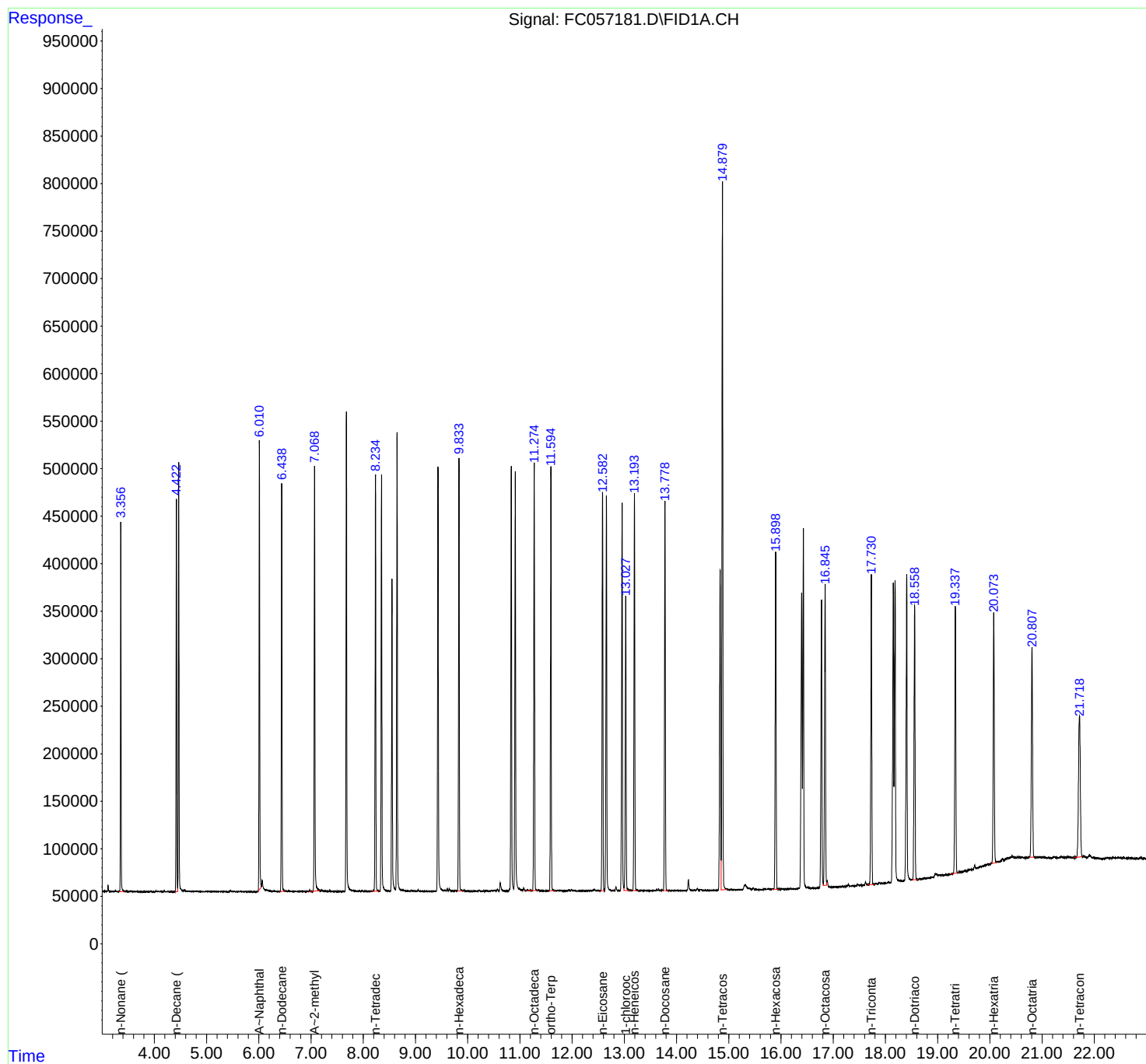
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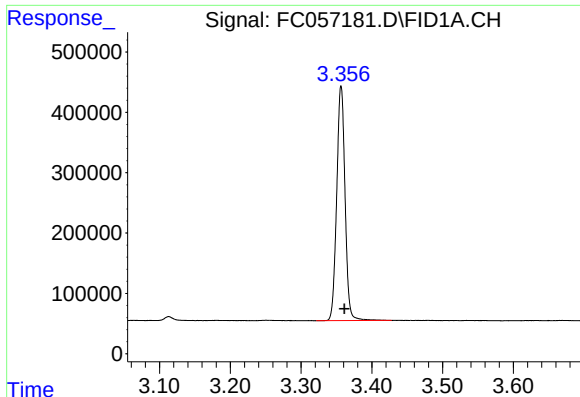
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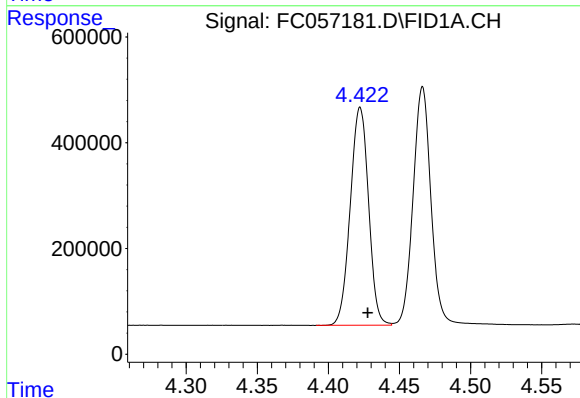
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 3188737
Conc: 31.47 ug/ml

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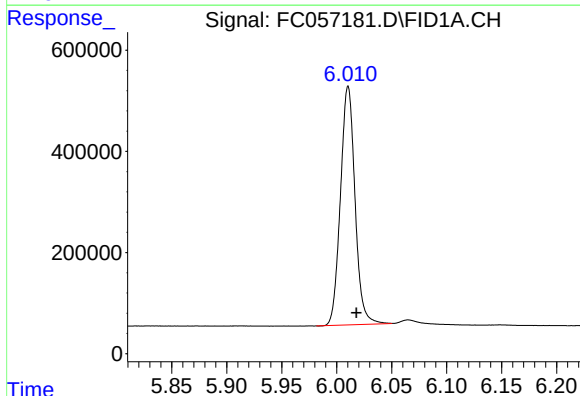
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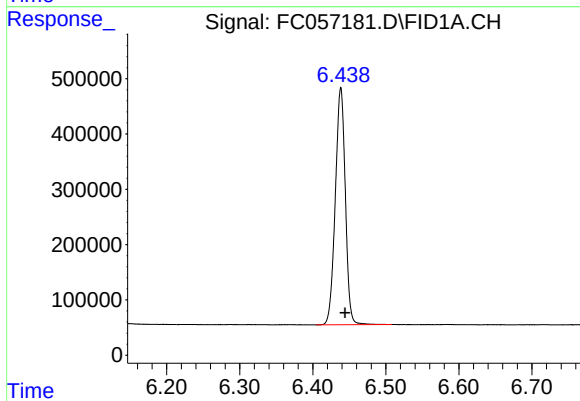
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.005 min
Response: 3692201
Conc: 36.87 ug/ml



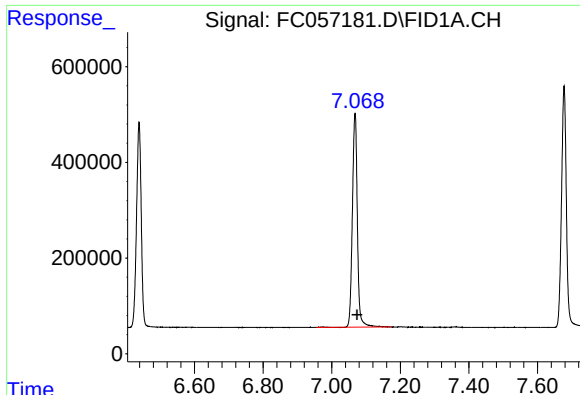
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.007 min
Response: 4346666
Conc: 38.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.438 min
Delta R.T.: -0.006 min
Response: 4089594
Conc: 40.33 ug/ml



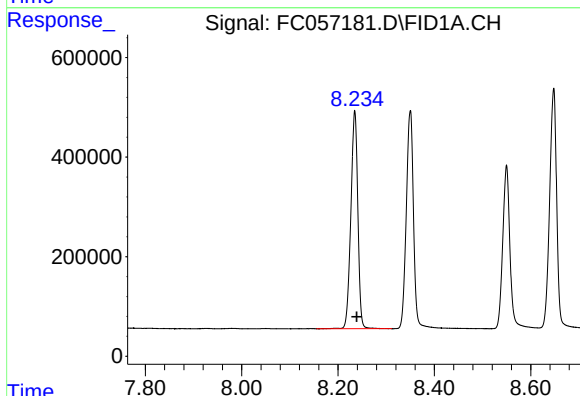
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 4542417
Conc: 41.20 ug/ml

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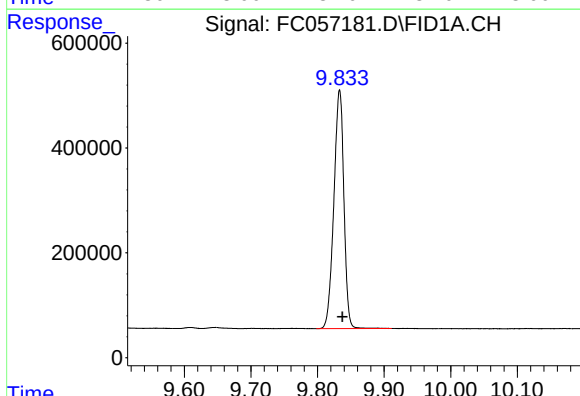
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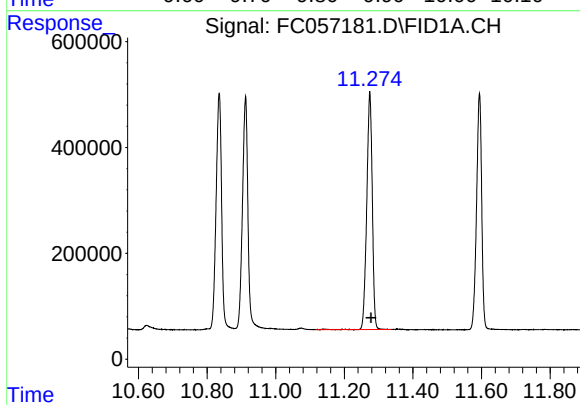
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 4412641
Conc: 43.55 ug/ml



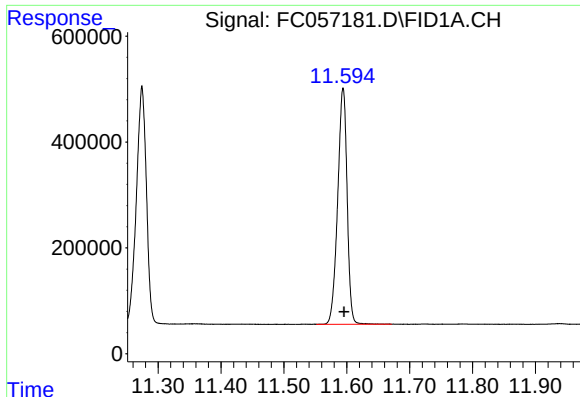
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.005 min
Response: 4766936
Conc: 46.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 4982076
Conc: 46.50 ug/ml



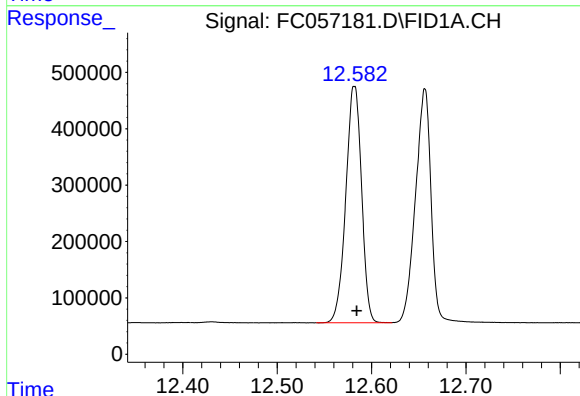
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
 Delta R.T.: -0.002 min
 Response: 4638227
 Conc: 39.97 ug/ml

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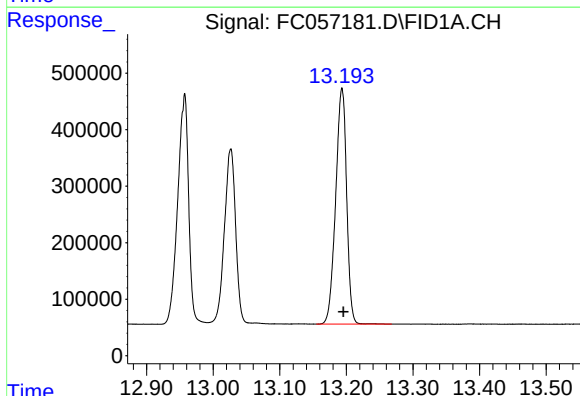
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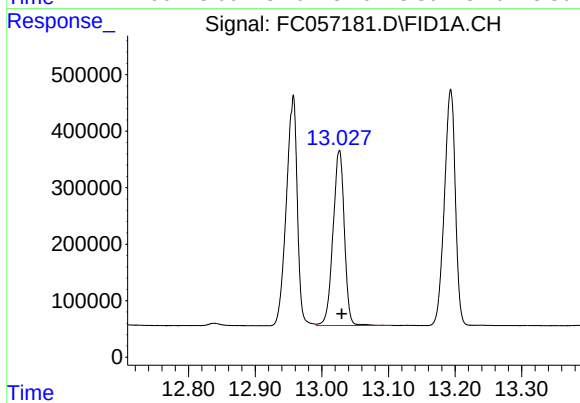
#10 n-Eicosane (C20)

R.T.: 12.582 min
 Delta R.T.: -0.002 min
 Response: 4862233
 Conc: 45.46 ug/ml



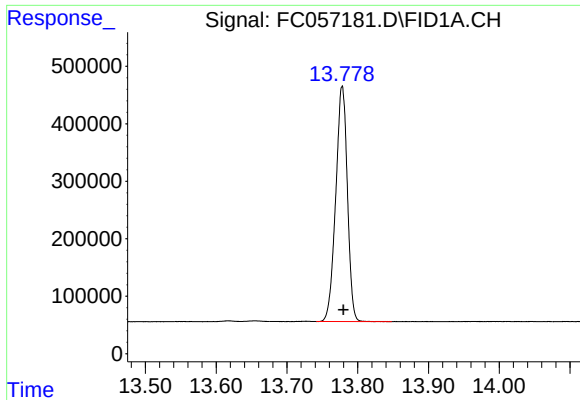
#11 n-Heneicosane (C21)

R.T.: 13.193 min
 Delta R.T.: -0.002 min
 Response: 4773567
 Conc: 44.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
 Delta R.T.: -0.004 min
 Response: 3668308
 Conc: 40.29 ug/ml



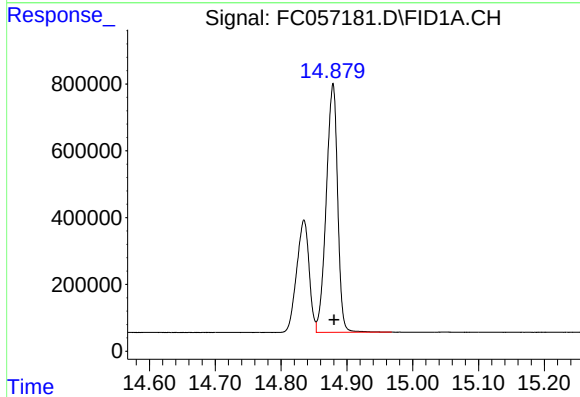
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 4686649
Conc: 43.75 ug/ml

Instrument :
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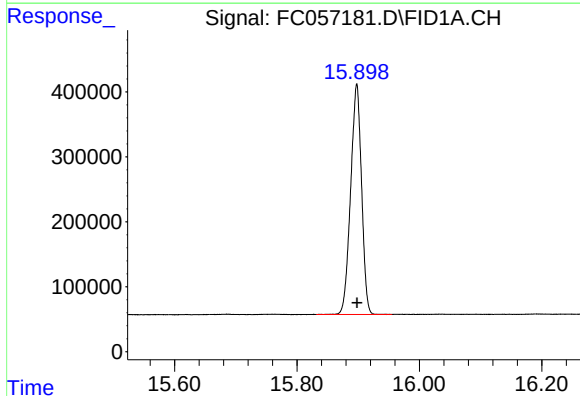
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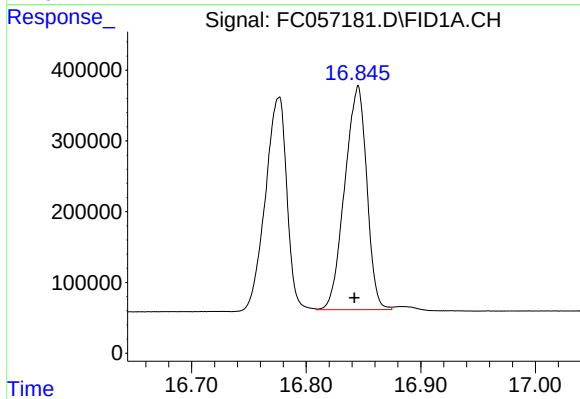
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 8932088
Conc: 82.51 ug/ml



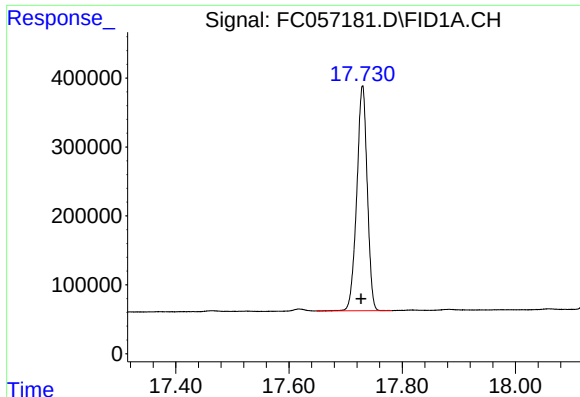
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 4391824
Conc: 41.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.003 min
Response: 4225564
Conc: 39.62 ug/ml m



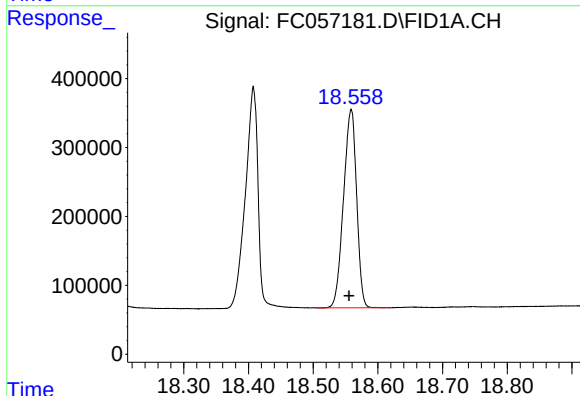
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.002 min
Response: 4186753
Conc: 39.28 ug/ml

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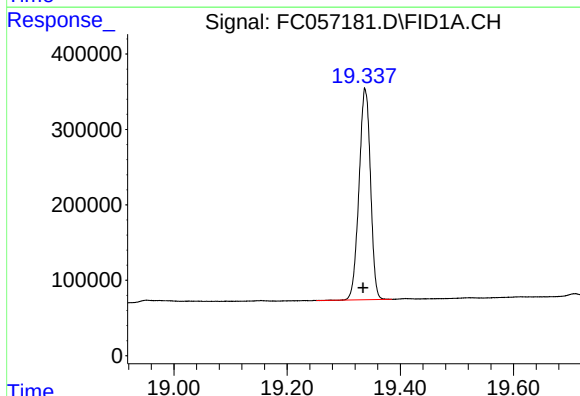
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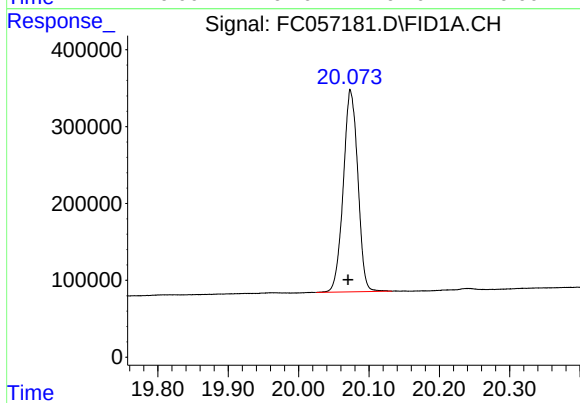
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.003 min
Response: 4047984
Conc: 38.38 ug/ml



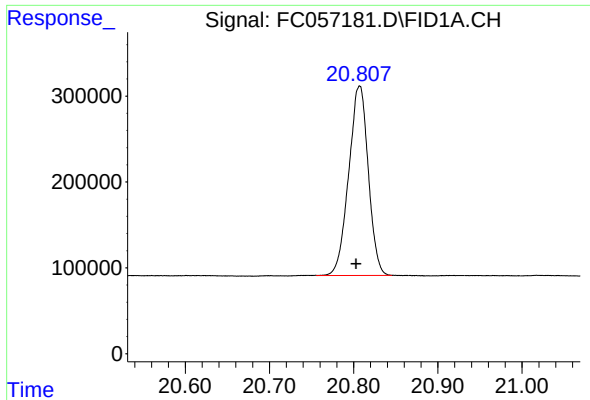
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.004 min
Response: 3927908
Conc: 37.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.002 min
Response: 3766609
Conc: 37.29 ug/ml m



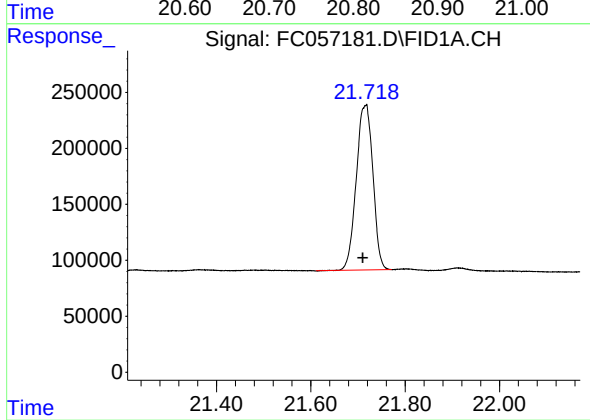
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.004 min
Response: 3562546
Conc: 38.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.005 min
Response: 3603117
Conc: 40.00 ug/ml