

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057816.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jan 2022 7:22
 Operator : AJ\MA
 Sample : N1076-11MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-05BMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e
 Quant Time: Jan 11 08:14:31 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)	10.710	8043822	41.599 ug/ml
Spiked Amount 50.000		Recovery =	83.20%
12) S 1-chlorooctadecane (S...	12.146	5978195	40.561 ug/ml
Spiked Amount 50.000		Recovery =	81.12%
Target Compounds			
1) T n-Nonane (C9)	2.636	4822589	30.158 ug/ml
2) T n-Decane (C10)	3.627	5706962	35.506 ug/ml
3) T A~Naphthalene (C11.7)	5.164	7176499	39.522 ug/ml
4) T n-Dodecane (C12)	5.598	6549652	40.611 ug/ml
5) T A~2-methylnaphthalene...	6.205	7436942	40.669 ug/ml
6) T n-Tetradecane (C14)	7.382	7410249	44.885 ug/ml
7) T n-Hexadecane (C16)	8.971	7910908	47.359 ug/ml
8) T n-Octadecane (C18)	10.406	7830852	45.505 ug/ml
10) T n-Eicosane (C20)	11.709	7806637	45.601 ug/ml
11) T n-Heneicosane (C21)	12.317	7401927	42.805 ug/ml
13) T n-Docosane (C22)	12.900	7419273	42.885 ug/ml
14) T n-Tetracosane (C24)	13.998	6947919	40.136 ug/ml
15) T n-Hexacosane (C26)	15.017	6680387	39.696 ug/ml
16) T n-Octacosane (C28)	15.961	6554180	40.051 ug/ml
17) T n-Tricontane (C30)	16.845	6236300	39.944 ug/mlm
18) T n-Dotriacontane (C32)	17.675	5914988	42.424 ug/ml
19) T n-Tetratriacontane (C34)	18.456	5204820	41.877 ug/ml
20) T n-Hexatriacontane (C36)	19.193	4333380	38.976 ug/ml
21) T n-Octatriacontane (C38)	19.897	3902510	37.411 ug/ml
22) T n-Tetracontane (C40)	20.722	3839583	40.099 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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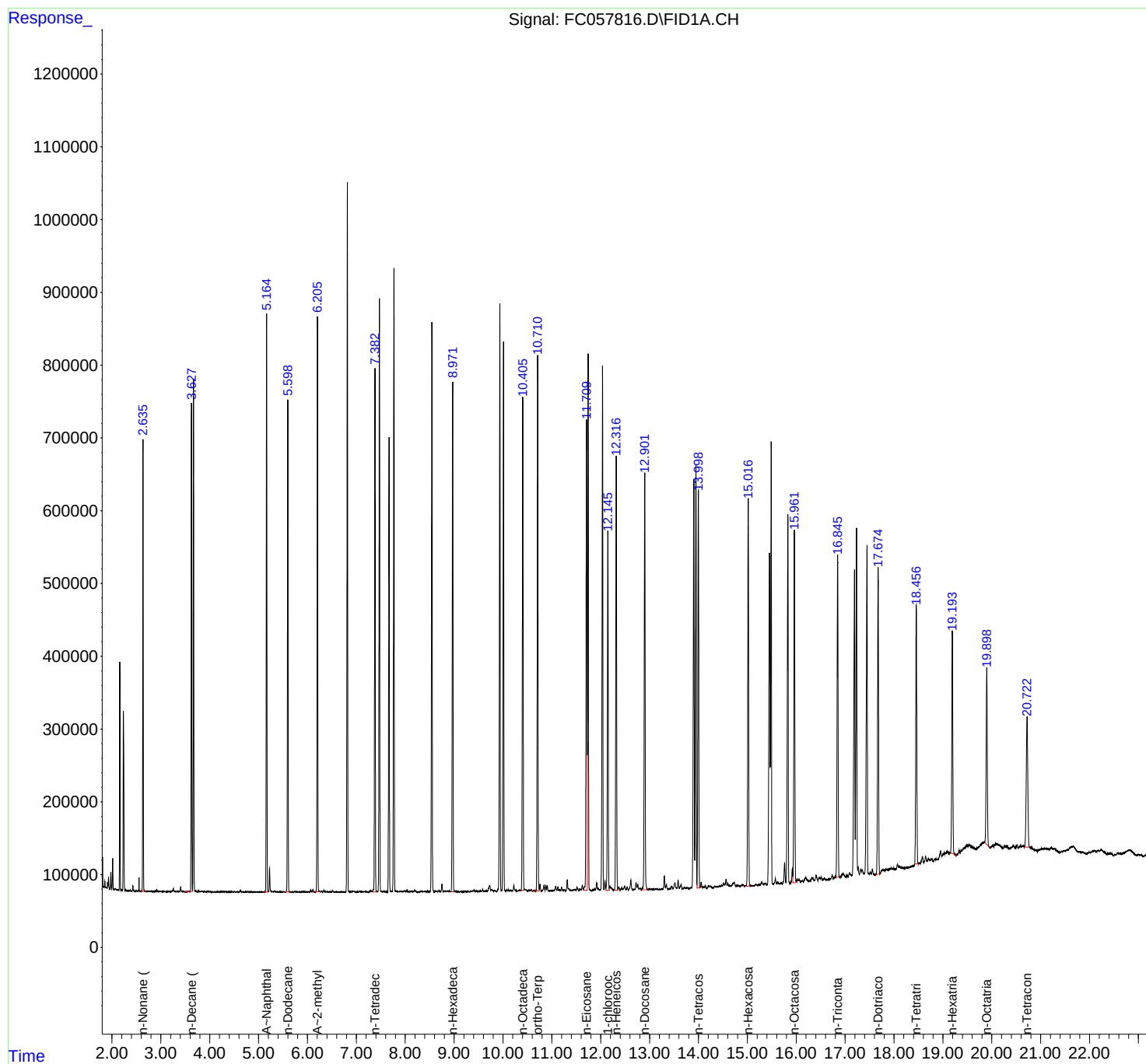
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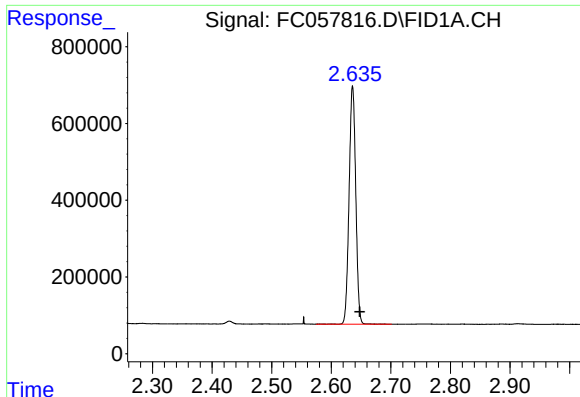
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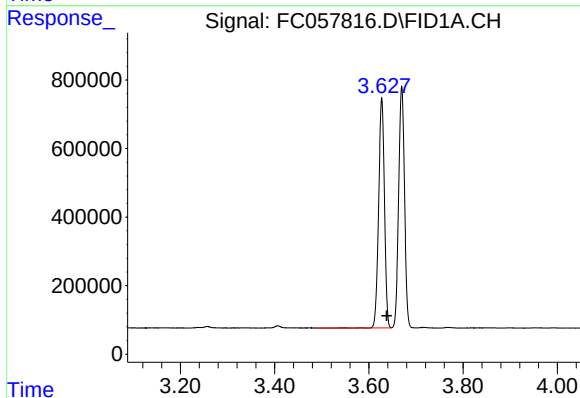
#1 n-Nonane (C9)

R.T.: 2.636 min
Delta R.T.: -0.012 min
Response: 4822589
Conc: 30.16 ug/ml

Instrument :
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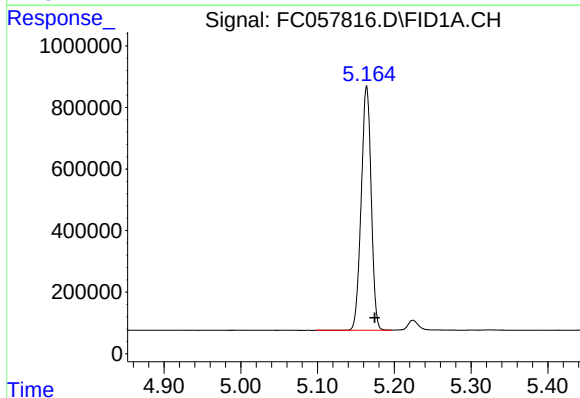
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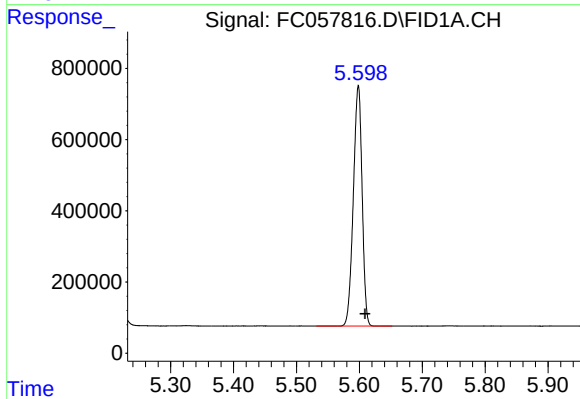
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.011 min
Response: 5706962
Conc: 35.51 ug/ml



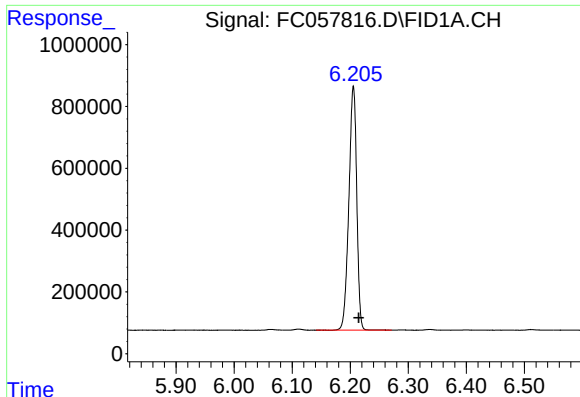
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.011 min
Response: 7176499
Conc: 39.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 6549652
Conc: 40.61 ug/ml



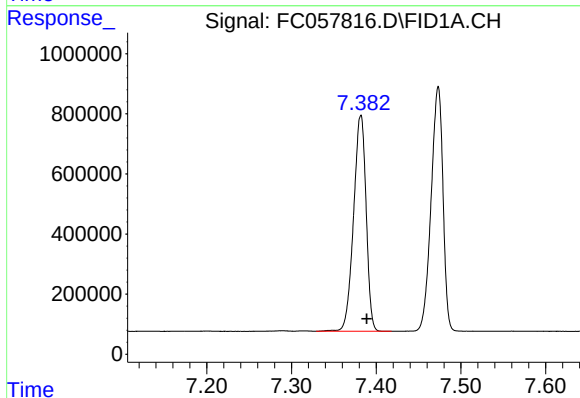
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: -0.009 min
Response: 7436942
Conc: 40.67 ug/ml

Instrument :
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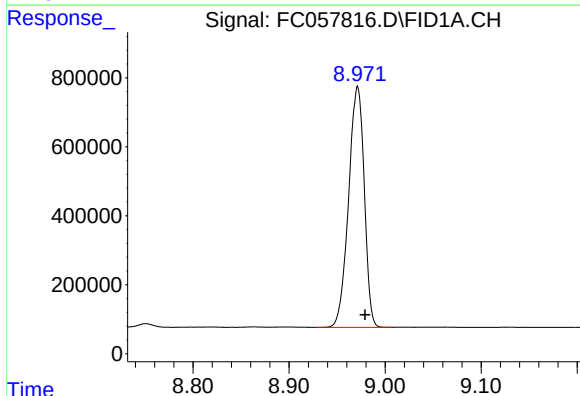
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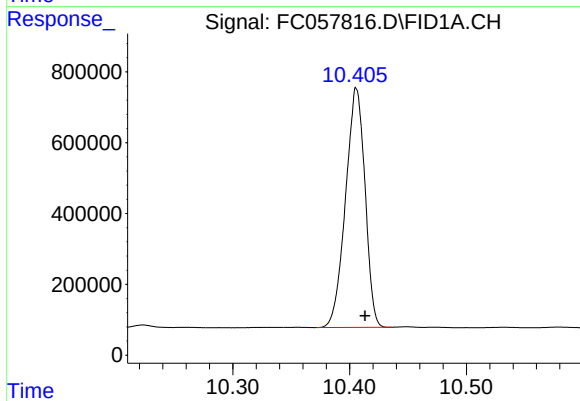
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 7410249
Conc: 44.89 ug/ml



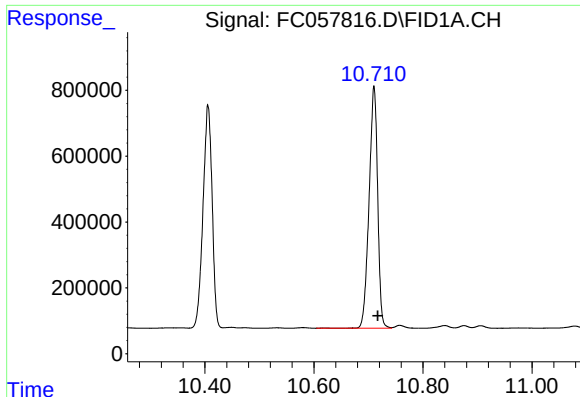
#7 n-Hexadecane (C16)

R.T.: 8.971 min
Delta R.T.: -0.008 min
Response: 7910908
Conc: 47.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 7830852
Conc: 45.51 ug/ml



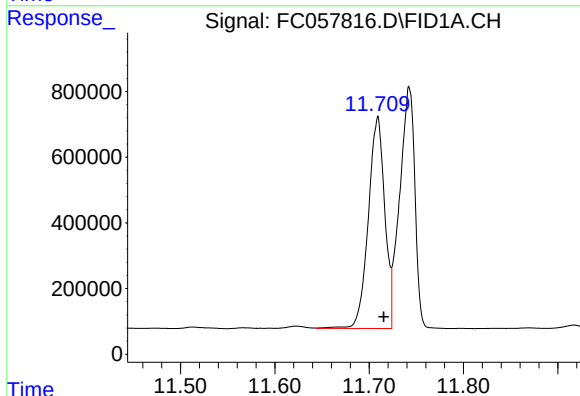
#9 ortho-Terphenyl (SURR)

R.T.: 10.710 min
Delta R.T.: -0.007 min
Response: 8043822
Conc: 41.60 ug/ml

Instrument :
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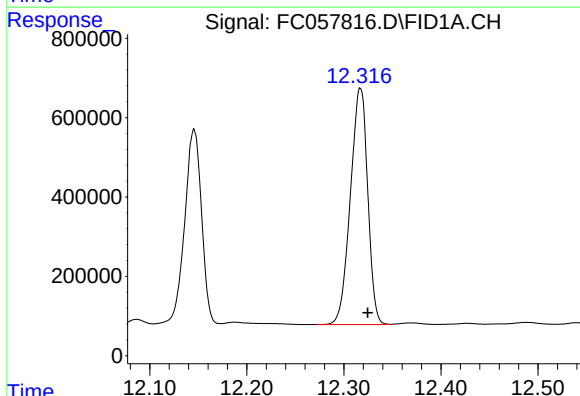
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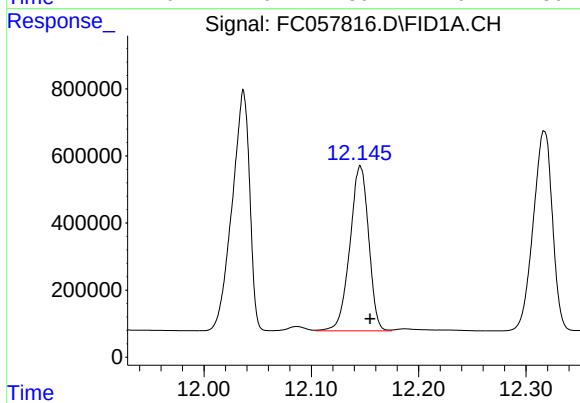
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 7806637
Conc: 45.60 ug/ml



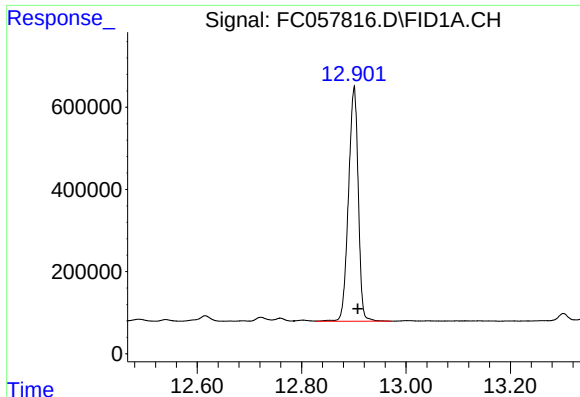
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.008 min
Response: 7401927
Conc: 42.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.009 min
Response: 5978195
Conc: 40.56 ug/ml



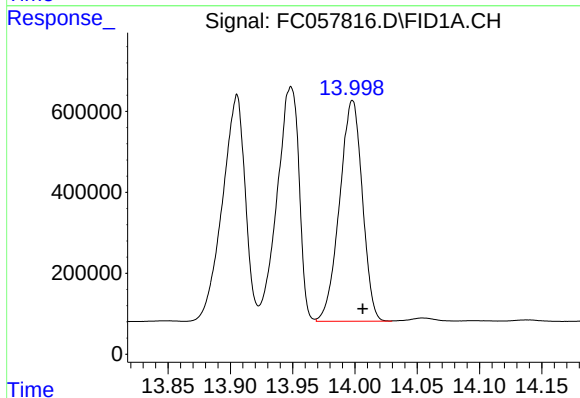
#13 n-Docosane (C22)

R.T.: 12.900 min
Delta R.T.: -0.008 min
Response: 7419273
Conc: 42.88 ug/ml

Instrument :
FID_C
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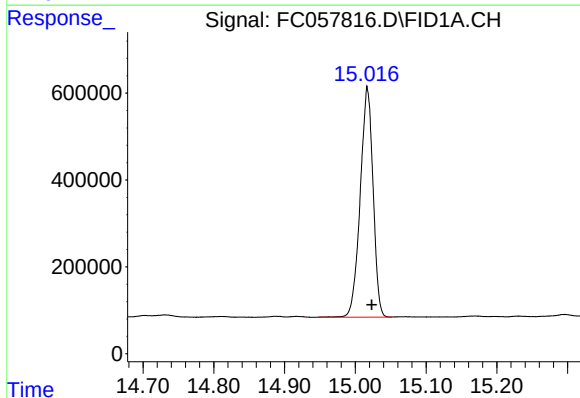
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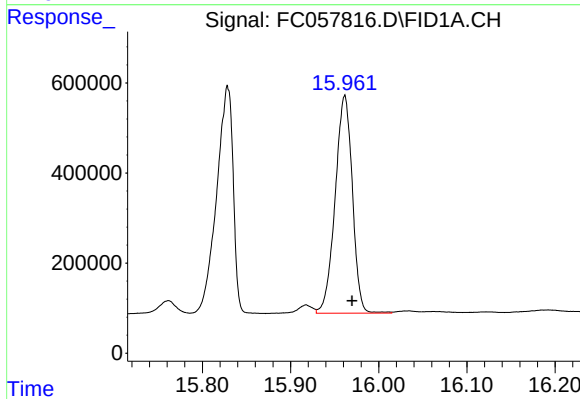
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.009 min
Response: 6947919
Conc: 40.14 ug/ml



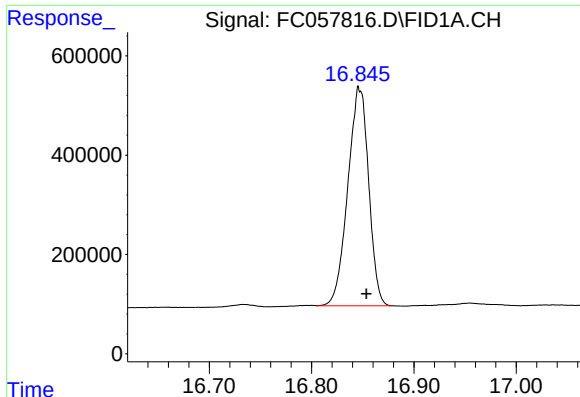
#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.006 min
Response: 6680387
Conc: 39.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.961 min
Delta R.T.: -0.008 min
Response: 6554180
Conc: 40.05 ug/ml



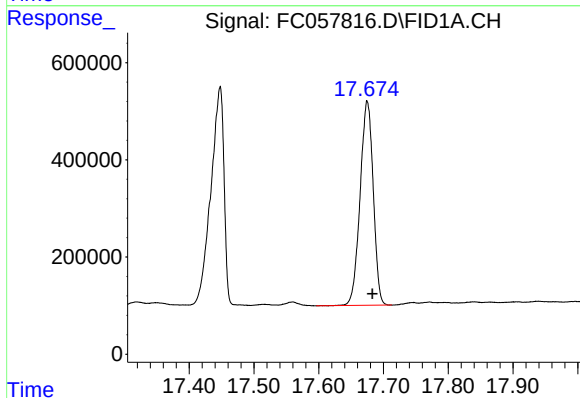
#17 n-Tricontane (C30)

R.T.: 16.845 min
Delta R.T.: -0.008 min
Response: 6236300
Conc: 39.94 ug/ml

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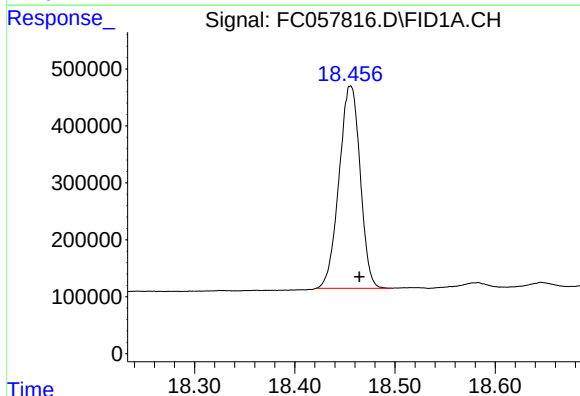
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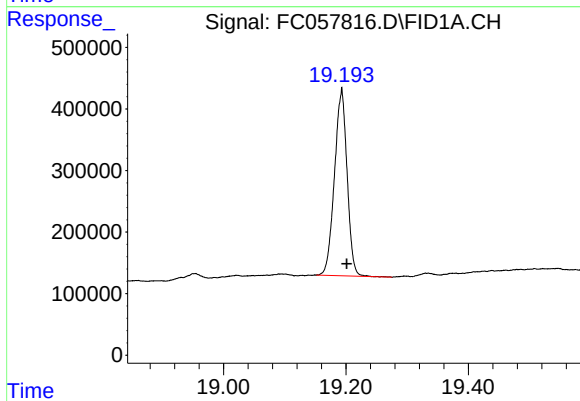
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: -0.008 min
Response: 5914988
Conc: 42.42 ug/ml



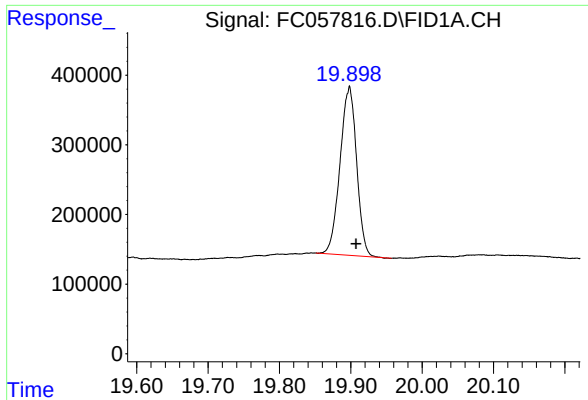
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 5204820
Conc: 41.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.193 min
Delta R.T.: -0.009 min
Response: 4333380
Conc: 38.98 ug/ml



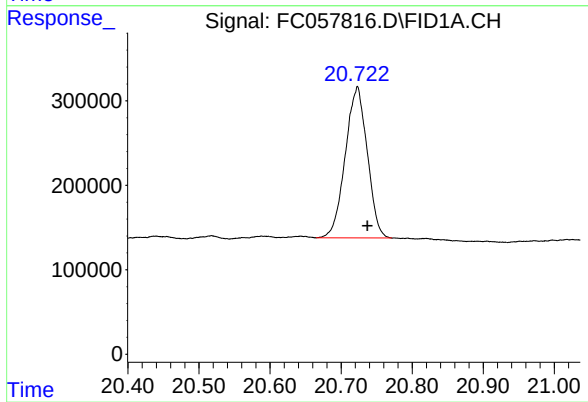
#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.010 min
Response: 3902510
Conc: 37.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 3839583
Conc: 40.10 ug/ml m