

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057237.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 22:33
 Operator : AJ\MA
 Sample : PB141191BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141191BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:55:08 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			
12) S 1-chlorooctadecane (S...	13.026	4720531	51.853 ug/ml
Spiked Amount 50.000		Recovery =	103.71%
Target Compounds			
1) T n-Nonane (C9)	3.352	3045273	30.053 ug/ml
2) T n-Decane (C10)	4.419	3828989	38.237 ug/ml
4) T n-Dodecane (C12)	6.437	4489254	44.276 ug/ml
6) T n-Tetradecane (C14)	8.232	4763852	47.018 ug/ml
7) T n-Hexadecane (C16)	9.832	5125751	49.950 ug/ml
8) T n-Octadecane (C18)	11.273	5581888	52.100 ug/ml
10) T n-Eicosane (C20)	12.581	5489507	51.325 ug/ml
11) T n-Heneicosane (C21)	13.192	5439922	50.233 ug/ml
13) T n-Docosane (C22)	13.777	5344564	49.887 ug/ml
14) T n-Tetracosane (C24)	14.877	5170418	47.761 ug/ml
15) T n-Hexacosane (C26)	15.895	4991339	46.859 ug/ml
16) T n-Octacosane (C28)	16.843	4859207	45.556 ug/ml
17) T n-Tricontane (C30)	17.726	4754641	44.609 ug/ml
18) T n-Dotriacontane (C32)	18.555	4648062	44.066 ug/ml
19) T n-Tetratriacontane (C34)	19.336	4478223	43.107 ug/mlm
20) T n-Hexatriacontane (C36)	20.071	4208150	41.662 ug/mlm
21) T n-Octatriacontane (C38)	20.804	3983748	43.398 ug/ml
22) T n-Tetracontane (C40)	21.712	3981895	44.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141191BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

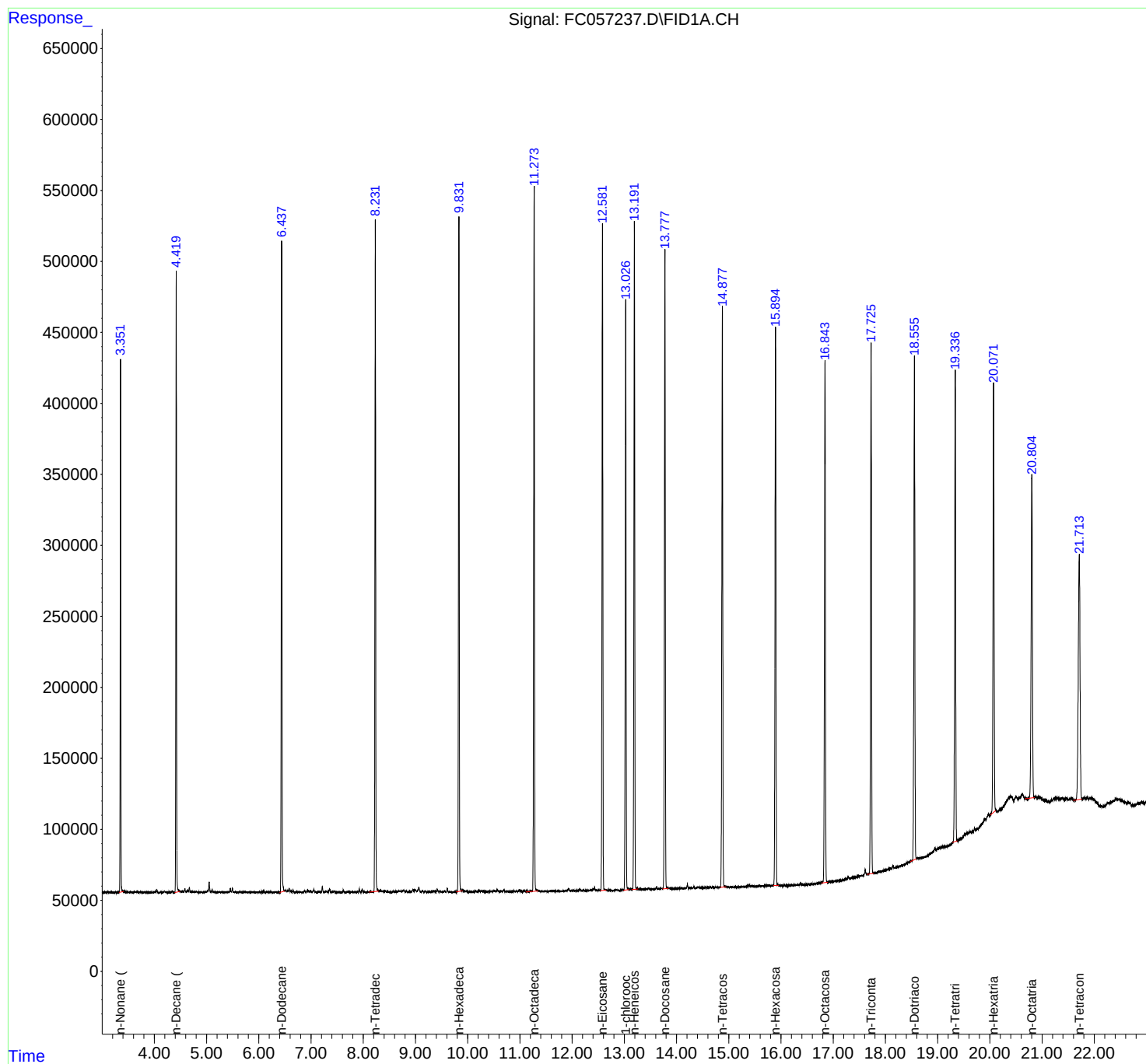
Instrument :
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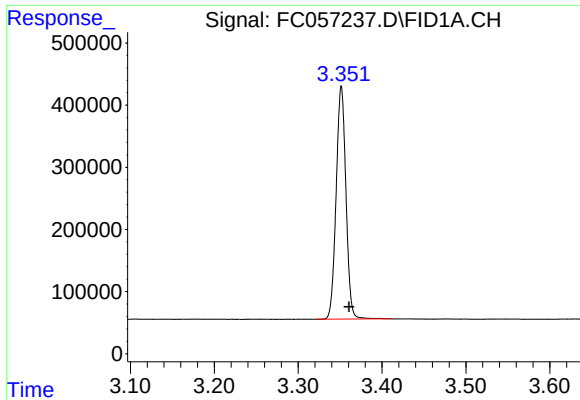
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 3045273
Conc: 30.05 ug/ml

Instrument :

FID_C

ClientSampleId :

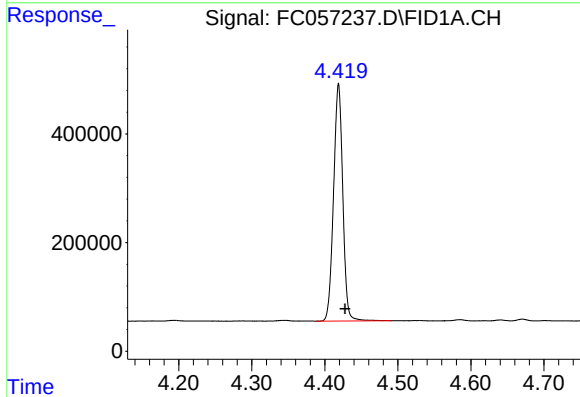
PB141191BSD

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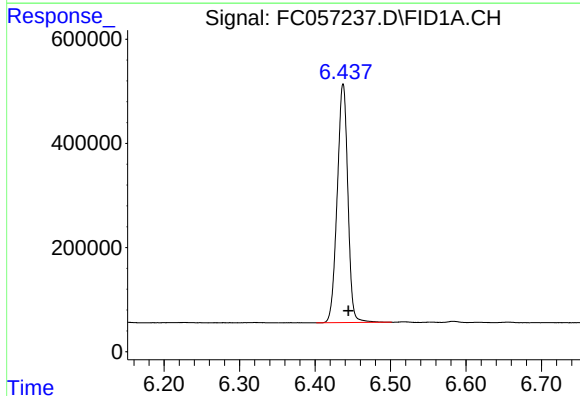
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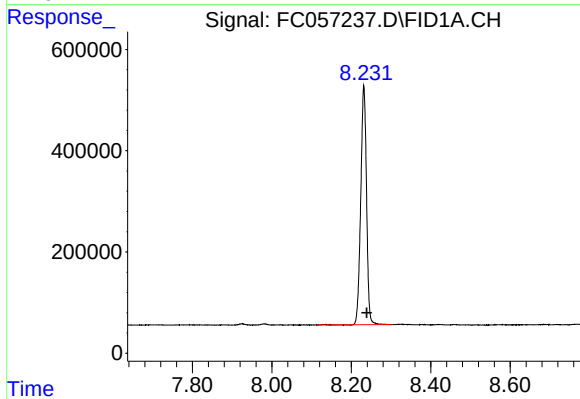
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.009 min
Response: 3828989
Conc: 38.24 ug/ml



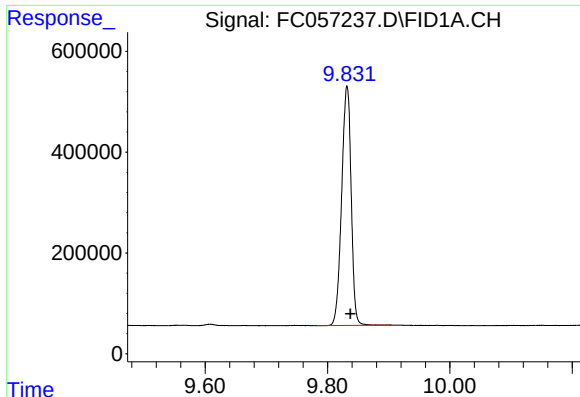
#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: -0.007 min
Response: 4489254
Conc: 44.28 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 4763852
Conc: 47.02 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.006 min
Response: 5125751
Conc: 49.95 ug/ml

Instrument :

FID_C

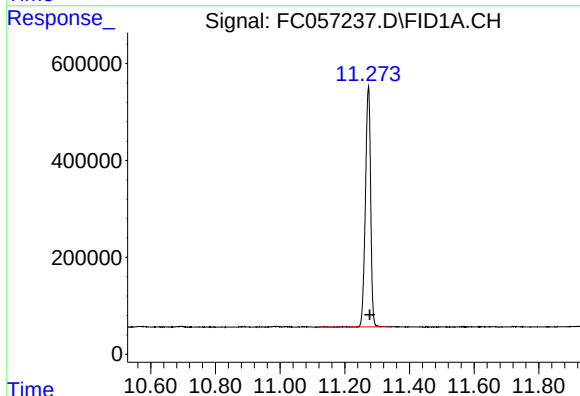
ClientSampleId :

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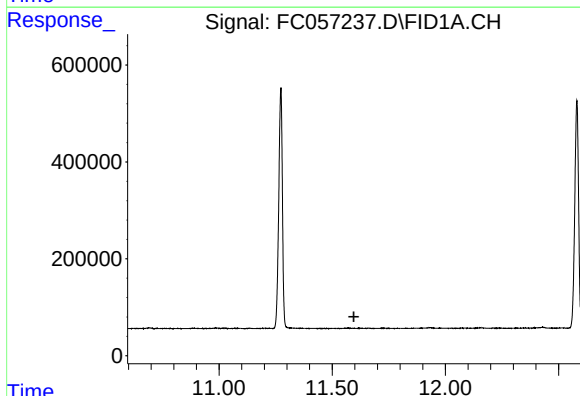
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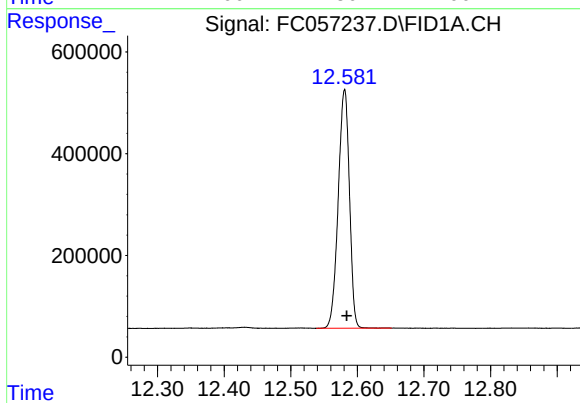
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 5581888
Conc: 52.10 ug/ml



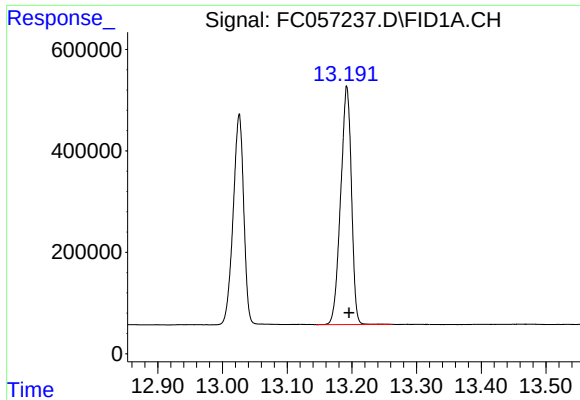
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.596 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.004 min
Response: 5489507
Conc: 51.33 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.003 min
Response: 5439922
Conc: 50.23 ug/ml

Instrument :

FID_C

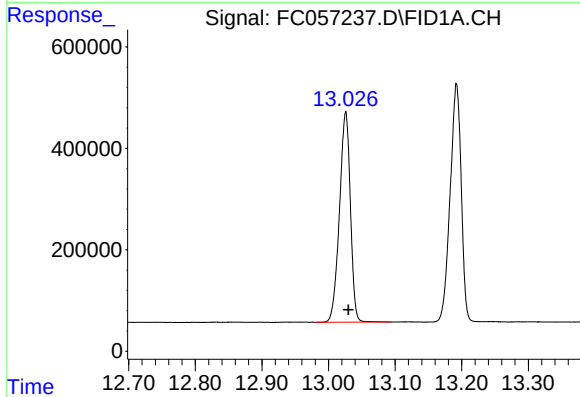
ClientSampleId :

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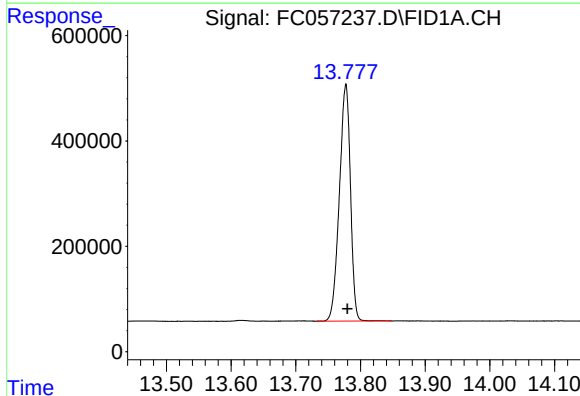
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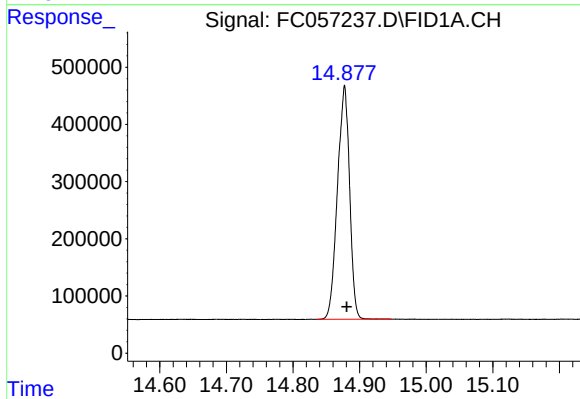
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 4720531
Conc: 51.85 ug/ml



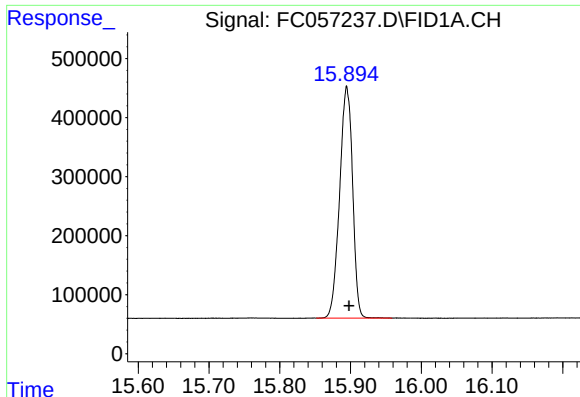
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 5344564
Conc: 49.89 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 5170418
Conc: 47.76 ug/ml



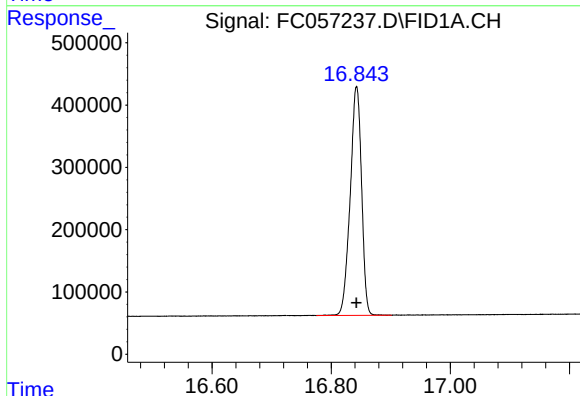
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 4991339
Conc: 46.86 ug/ml

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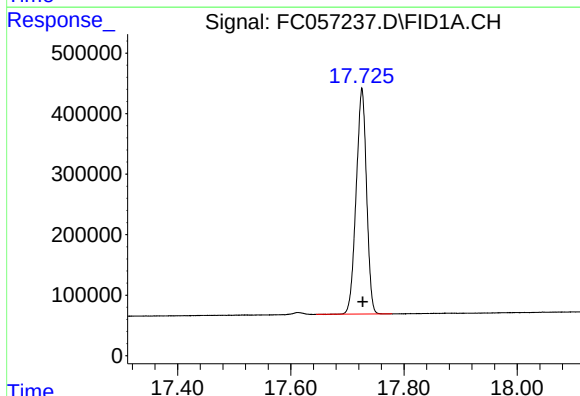
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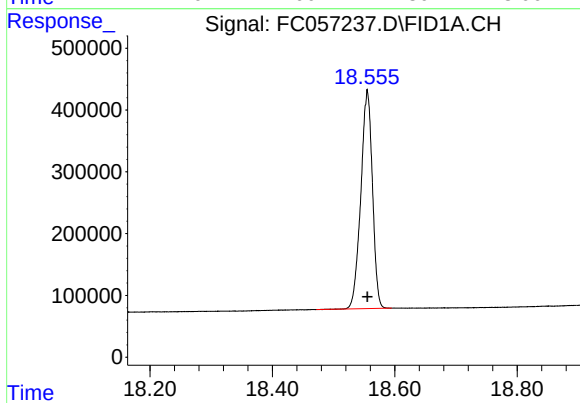
#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 4859207
Conc: 45.56 ug/ml



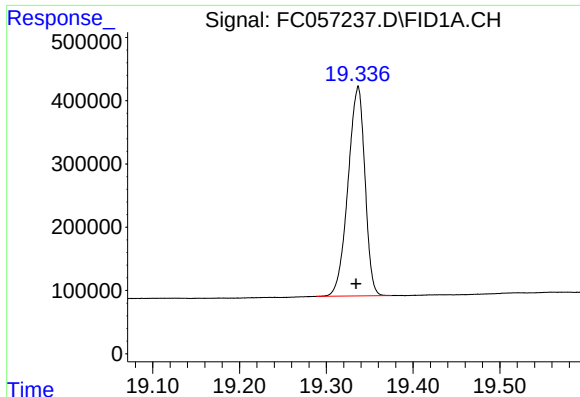
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.002 min
Response: 4754641
Conc: 44.61 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 4648062
Conc: 44.07 ug/ml



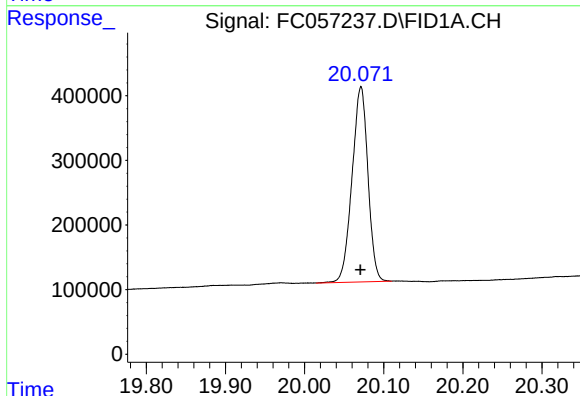
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.002 min
Response: 4478223
Conc: 43.11 ug/ml

Instrument :
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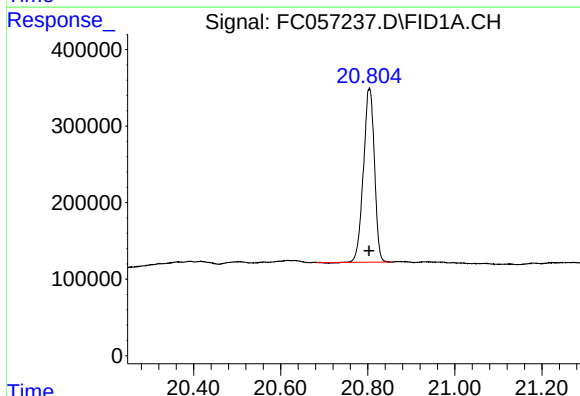
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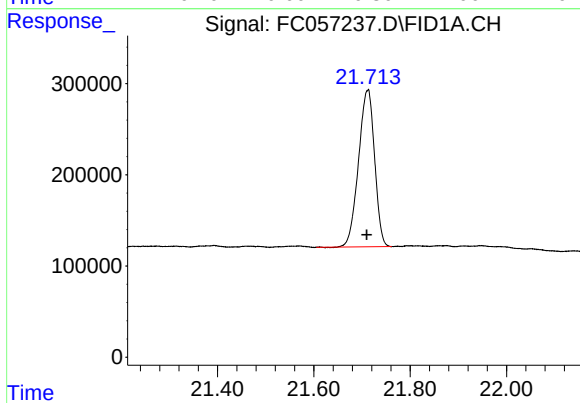
#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 4208150
Conc: 41.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.000 min
Response: 3983748
Conc: 43.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: 0.002 min
Response: 3981895
Conc: 44.20 ug/ml