

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059730.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 3:01
 Operator : UA/NP
 Sample : PB144760BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144760BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 03:44:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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			
12) S 1-chlorooctadecane (S...	12.027	6043497	52.516 ug/ml
Spiked Amount 50.000		Recovery =	105.03%
Target Compounds			
1) T n-Nonane (C9)	2.631	2959964	23.179 ug/ml
2) T n-Decane (C10)	3.631	3899413	30.790 ug/ml
4) T n-Dodecane (C12)	5.586	4620827	35.137 ug/ml
6) T n-Tetradecane (C14)	7.338	4795025	35.635 ug/ml
7) T n-Hexadecane (C16)	8.902	5223064	38.065 ug/ml
8) T n-Octadecane (C18)	10.311	5792003	42.030 ug/ml
10) T n-Eicosane (C20)	11.591	5654004	42.038 ug/ml
11) T n-Heneicosane (C21)	12.189	5593045	41.926 ug/ml
13) T n-Docosane (C22)	12.762	5469829	41.678 ug/ml
14) T n-Tetracosane (C24)	13.840	5292149	42.061 ug/ml
15) T n-Hexacosane (C26)	14.837	5019125	42.026 ug/ml
16) T n-Octacosane (C28)	15.765	4738314	41.620 ug/ml
17) T n-Tricontane (C30)	16.632	4591056	41.766 ug/ml
18) T n-Dotriacontane (C32)	17.446	4527035	43.789 ug/mlm
19) T n-Tetratriacontane (C34)	18.210	4106034	42.057 ug/mlm
20) T n-Hexatriacontane (C36)	18.929	3827758	41.232 ug/mlm
21) T n-Octatriacontane (C38)	19.613	3660405	38.452 ug/mlm
22) T n-Tetracontane (C40)	20.263	3523049	37.216 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB144760BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

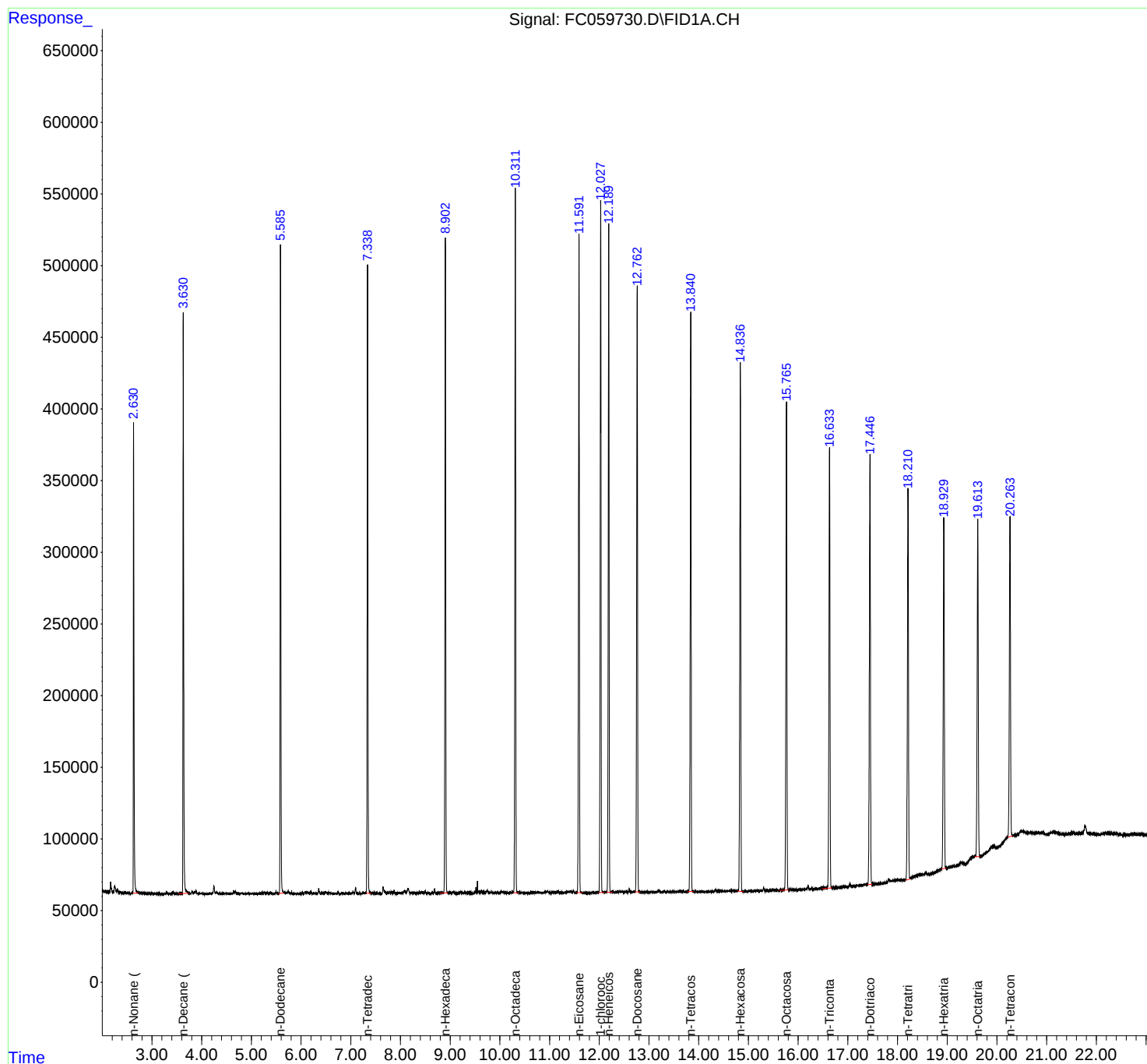
Instrument :
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PB144760BSD

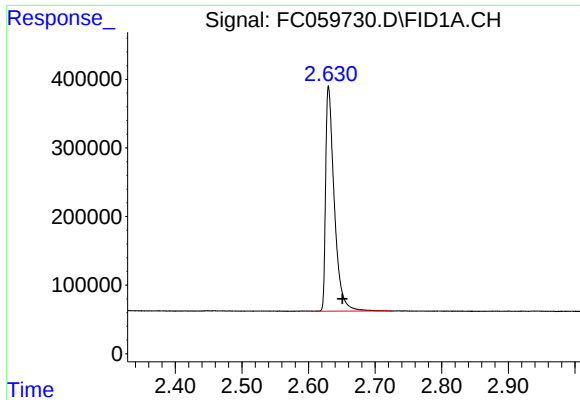
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 2959964
Conc: 23.18 ug/ml

Instrument :

FID_C

ClientSampleId :

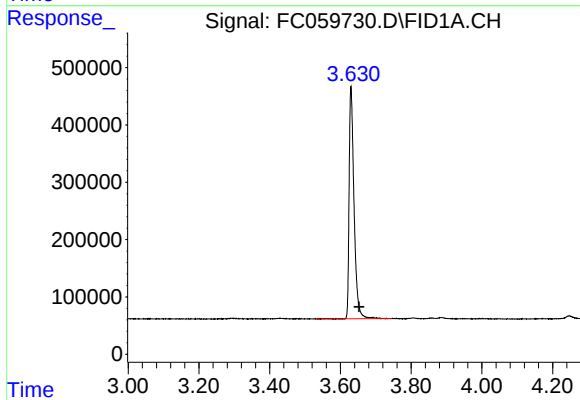
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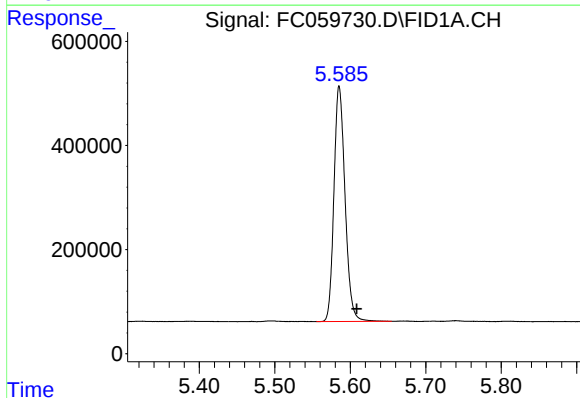
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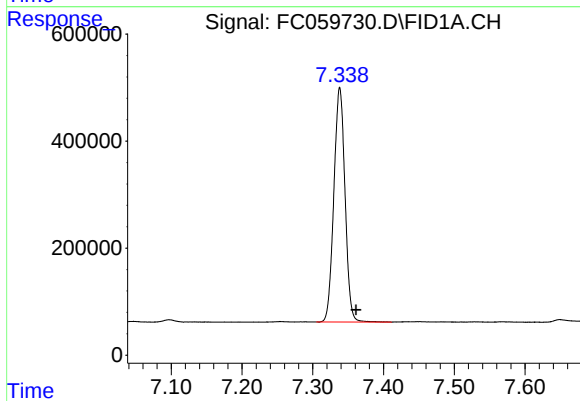
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.022 min
Response: 3899413
Conc: 30.79 ug/ml



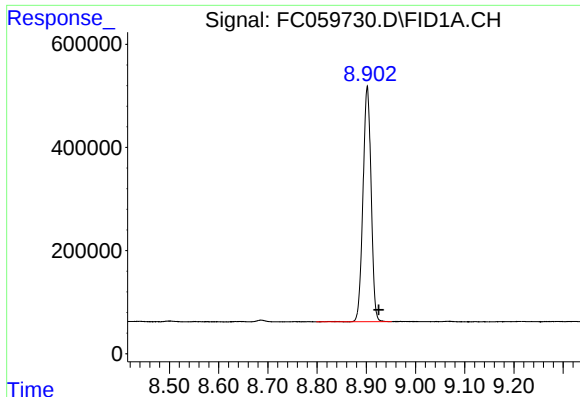
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 4620827
Conc: 35.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 4795025
Conc: 35.64 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.902 min
Delta R.T.: -0.024 min
Response: 5223064
Conc: 38.06 ug/ml

Instrument :

FID_C

ClientSampleId :

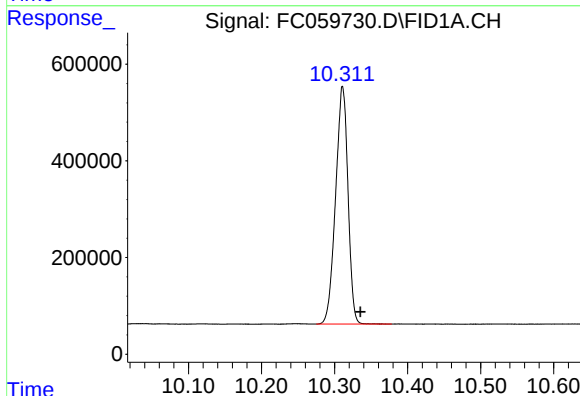
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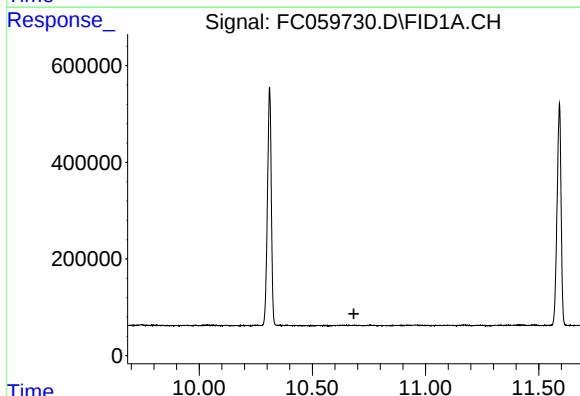
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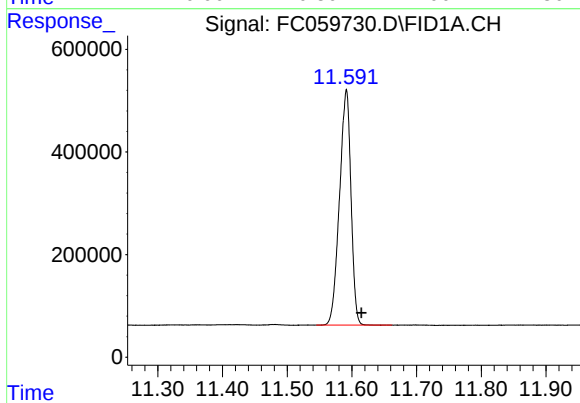
#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: -0.024 min
Response: 5792003
Conc: 42.03 ug/ml



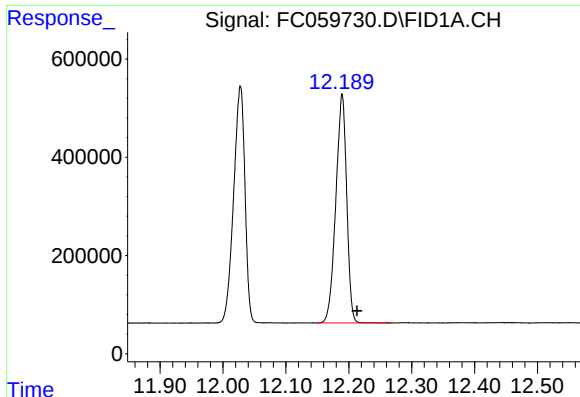
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.683 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.023 min
Response: 5654004
Conc: 42.04 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 5593045
Conc: 41.93 ug/ml

Instrument :

FID_C

ClientSampleId :

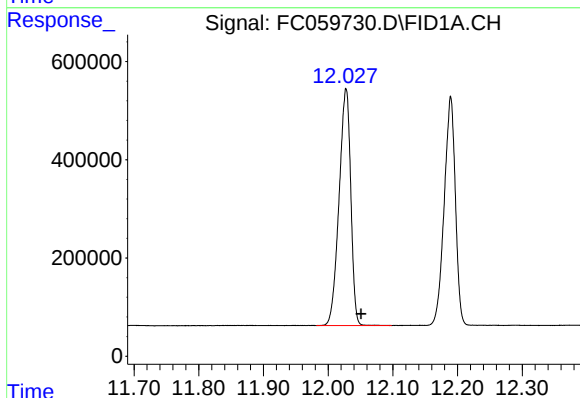
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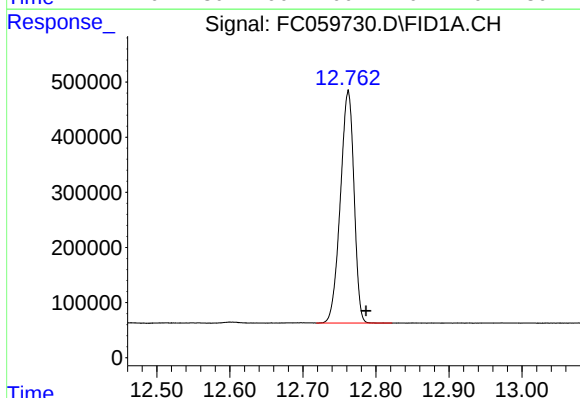
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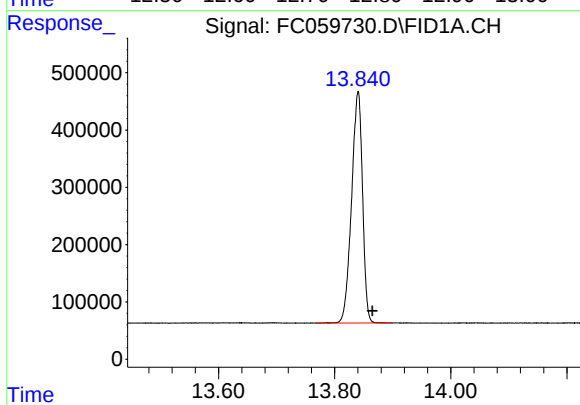
#12 1-chlorooctadecane (SURR)

R.T.: 12.027 min
Delta R.T.: -0.024 min
Response: 6043497
Conc: 52.52 ug/ml



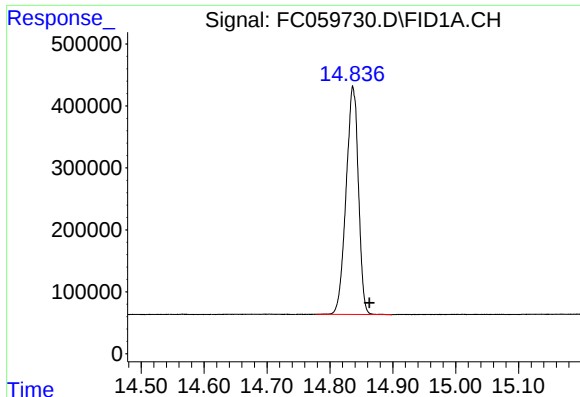
#13 n-Docosane (C22)

R.T.: 12.762 min
Delta R.T.: -0.025 min
Response: 5469829
Conc: 41.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.840 min
Delta R.T.: -0.025 min
Response: 5292149
Conc: 42.06 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: -0.026 min
Response: 5019125
Conc: 42.03 ug/ml

Instrument :

FID_C

ClientSampleId :

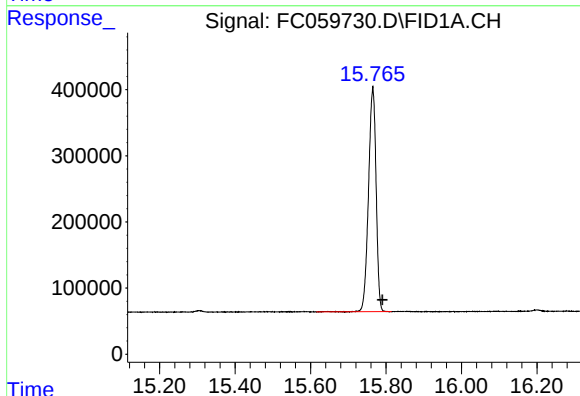
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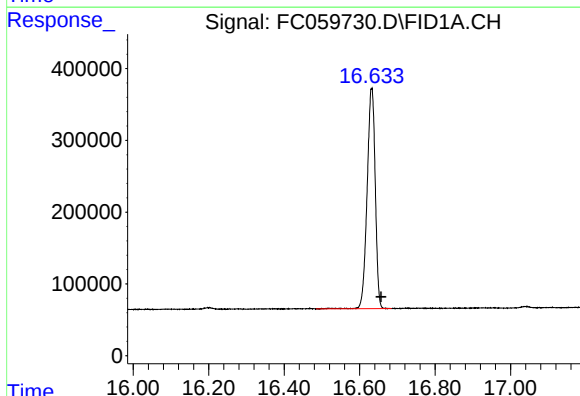
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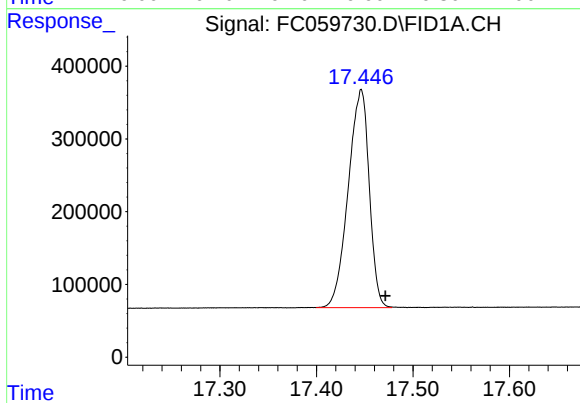
#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.026 min
Response: 4738314
Conc: 41.62 ug/ml



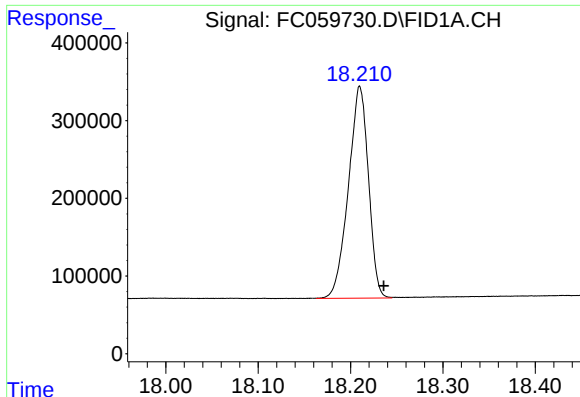
#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: -0.026 min
Response: 4591056
Conc: 41.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.025 min
Response: 4527035
Conc: 43.79 ug/ml m



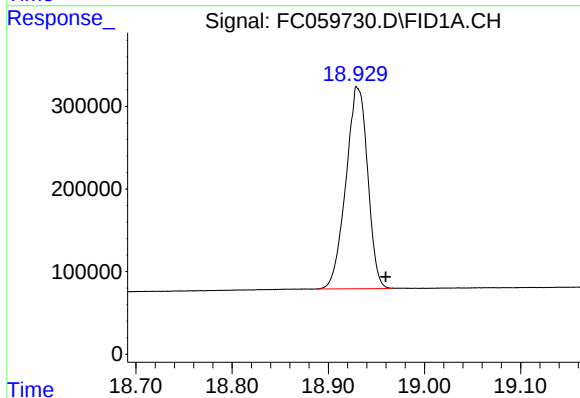
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min
Delta R.T.: -0.026 min
Response: 4106034
Conc: 42.06 ug/ml

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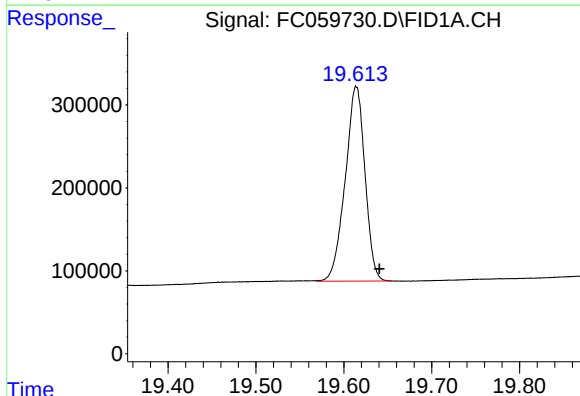
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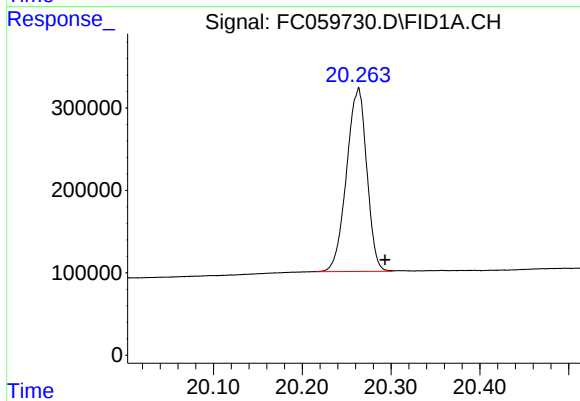
#20 n-Hexatriacontane (C36)

R.T.: 18.929 min
Delta R.T.: -0.031 min
Response: 3827758
Conc: 41.23 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.027 min
Response: 3660405
Conc: 38.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.030 min
Response: 3523049
Conc: 37.22 ug/ml m