

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059720.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2022 19:54
 Operator : UA/NP
 Sample : N2802-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SHALLOW-WC-1MSD

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 03:42:26 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			
9) S ortho-Terphenyl (SURR)	10.656	5045597	34.360 ug/mlm
Spiked Amount 50.000		Recovery =	68.72%
12) S 1-chlorooctadecane (S...	12.024	4082877	35.479 ug/ml
Spiked Amount 50.000		Recovery =	70.96%
Target Compounds			
1) T n-Nonane (C9)	2.638	4384407	34.333 ug/ml
2) T n-Decane (C10)	3.636	4947417	39.065 ug/ml
3) T A~Naphthalene (C11.7)	5.169	6065630	41.194 ug/ml
4) T n-Dodecane (C12)	5.587	5496865	41.799 ug/ml
5) T A~2-methylnaphthalene...	6.193	6202442	41.262 ug/ml
6) T n-Tetradecane (C14)	7.341	5843141	43.424 ug/ml
7) T n-Hexadecane (C16)	8.903	5990629	43.659 ug/ml
8) T n-Octadecane (C18)	10.311	6225923	45.178 ug/ml
10) T n-Eicosane (C20)	11.591	5899981	43.867 ug/ml
11) T n-Heneicosane (C21)	12.189	5760823	43.183 ug/ml
13) T n-Docosane (C22)	12.763	5657813	43.110 ug/mlm
14) T n-Tetracosane (C24)	13.832	10797616	85.817 ug/ml
15) T n-Hexacosane (C26)	14.839	5202192	43.558 ug/ml
16) T n-Octacosane (C28)	15.765	4867037	42.751 ug/mlm
17) T n-Tricontane (C30)	16.633	4720255	42.941 ug/mlm
18) T n-Dotriacontane (C32)	17.445	4687042	45.337 ug/mlm
19) T n-Tetratriacontane (C34)	18.209	4188650	42.903 ug/mlm
20) T n-Hexatriacontane (C36)	18.931	3869669	41.684 ug/mlm
21) T n-Octatriacontane (C38)	19.616	3597821	37.795 ug/mlm
22) T n-Tetracontane (C40)	20.263	3452802	36.474 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

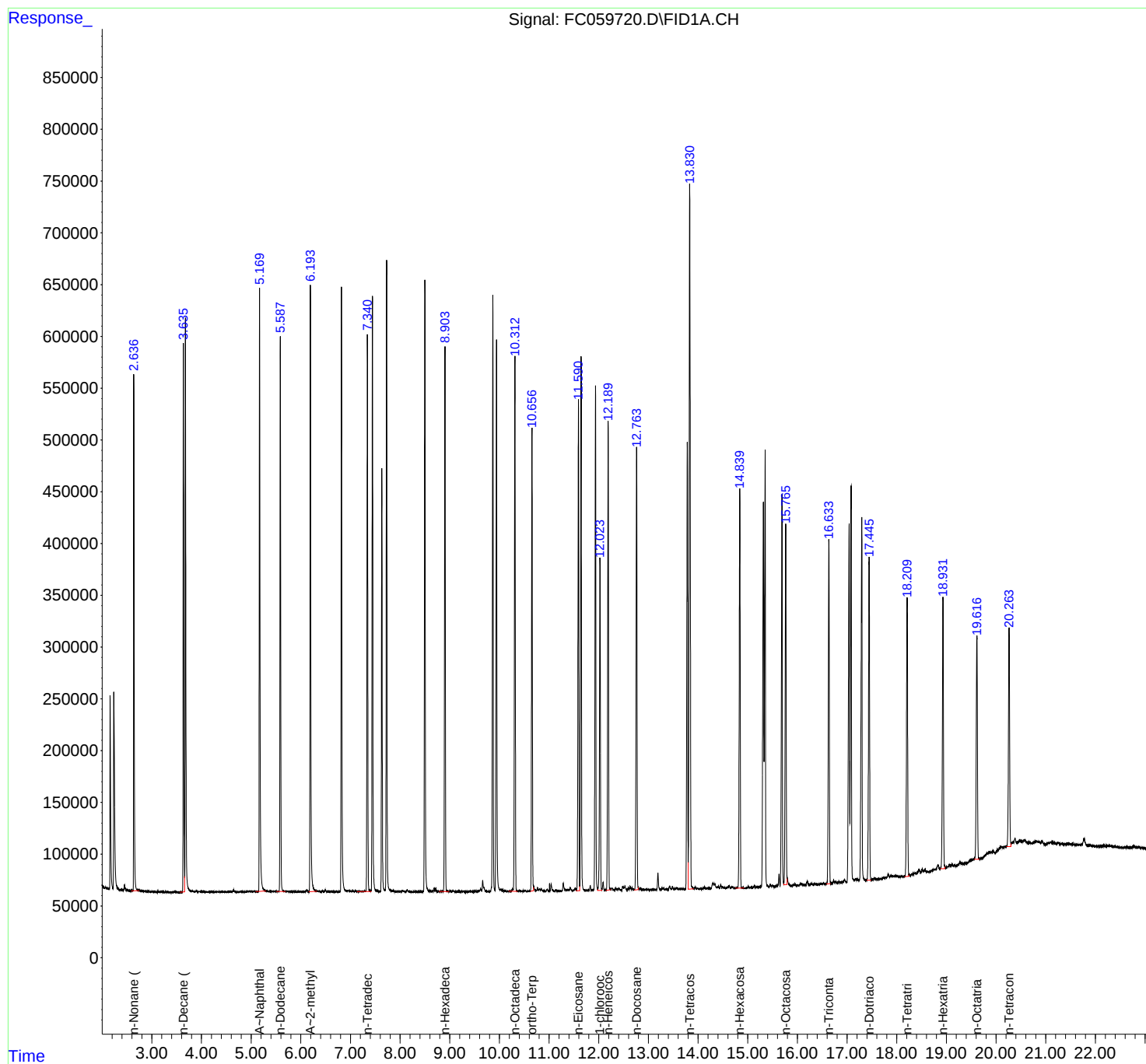
Instrument :
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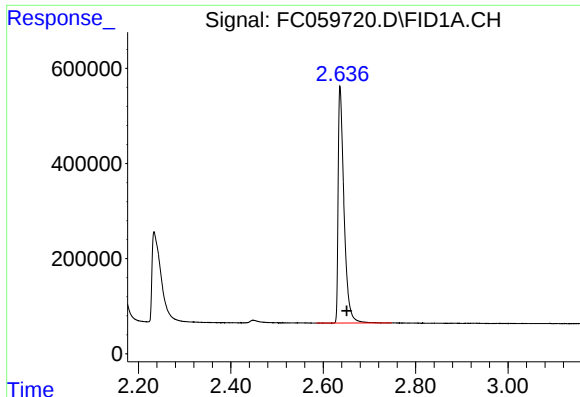
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.013 min
Response: 4384407
Conc: 34.33 ug/ml

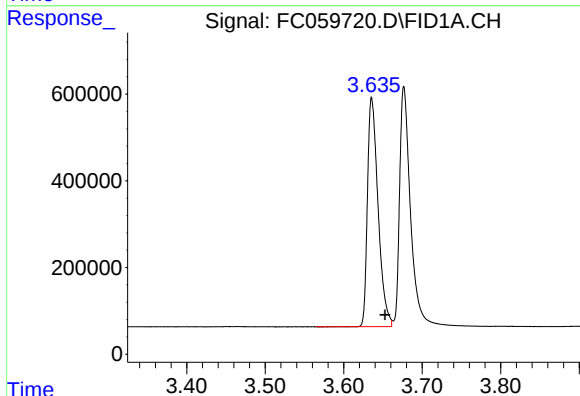
Instrument :

FID_C

ClientSampleId :
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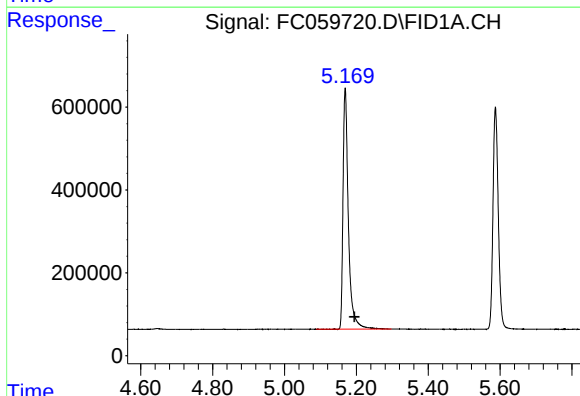
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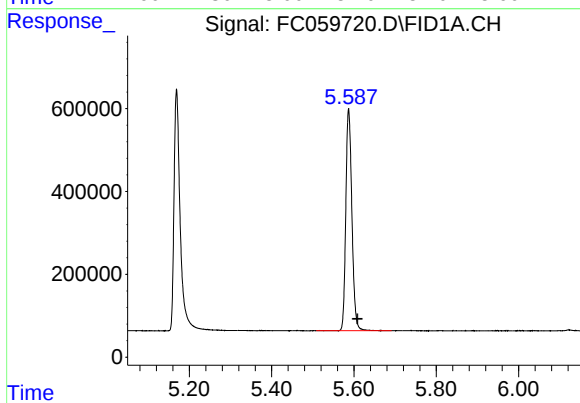
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.016 min
Response: 4947417
Conc: 39.06 ug/ml



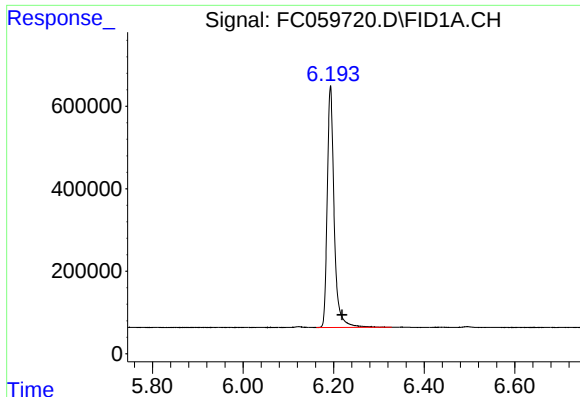
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.025 min
Response: 6065630
Conc: 41.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.021 min
Response: 5496865
Conc: 41.80 ug/ml



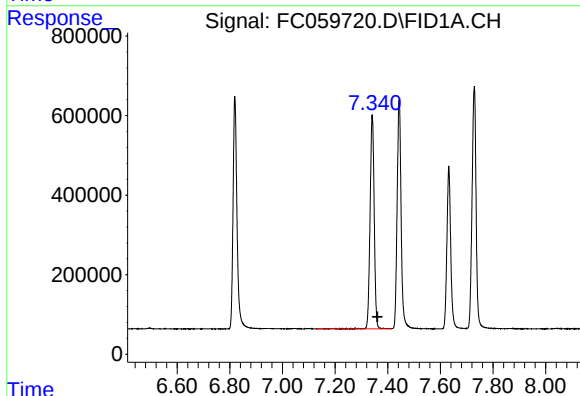
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: -0.026 min
Response: 6202442
Conc: 41.26 ug/ml

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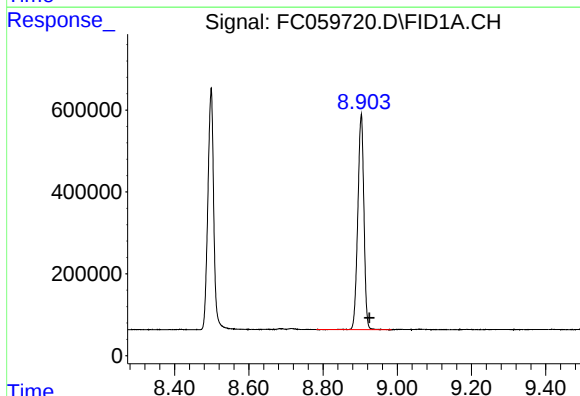
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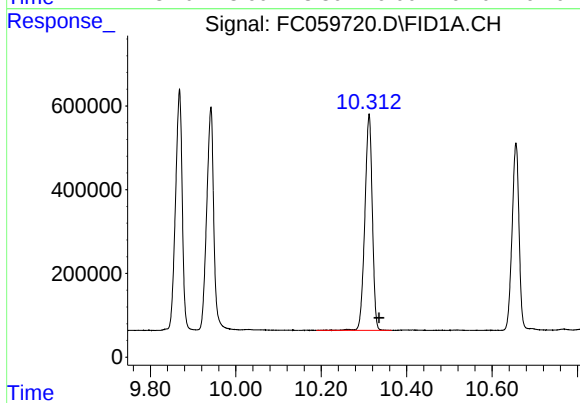
#6 n-Tetradecane (C14)

R.T.: 7.341 min
Delta R.T.: -0.020 min
Response: 5843141
Conc: 43.42 ug/ml



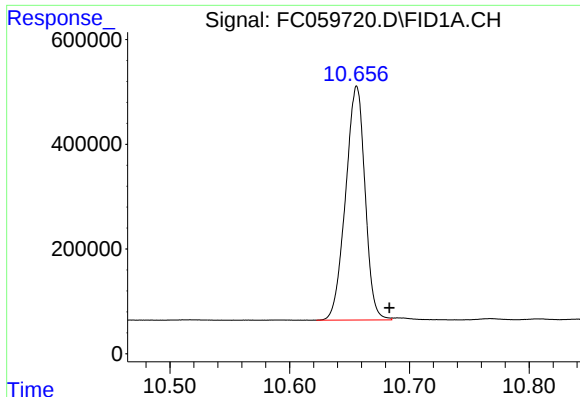
#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: -0.023 min
Response: 5990629
Conc: 43.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: -0.024 min
Response: 6225923
Conc: 45.18 ug/ml



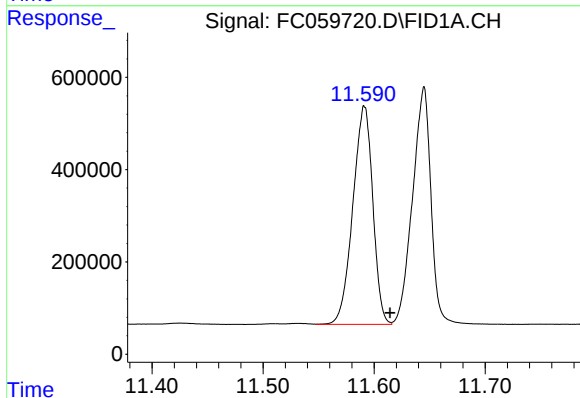
#9 ortho-Terphenyl (SURR)

R.T.: 10.656 min
Delta R.T.: -0.028 min
Response: 5045597
Conc: 34.36 ug/ml

Instrument :
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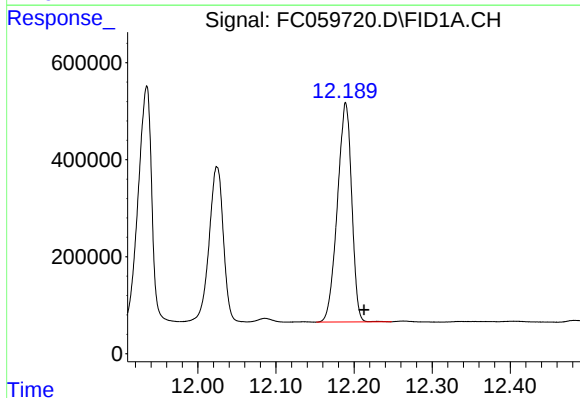
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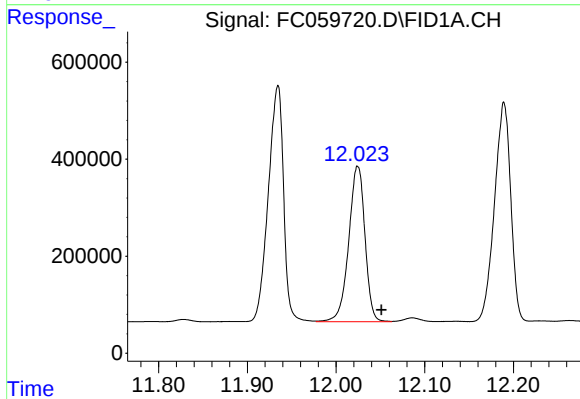
#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.024 min
Response: 5899981
Conc: 43.87 ug/ml



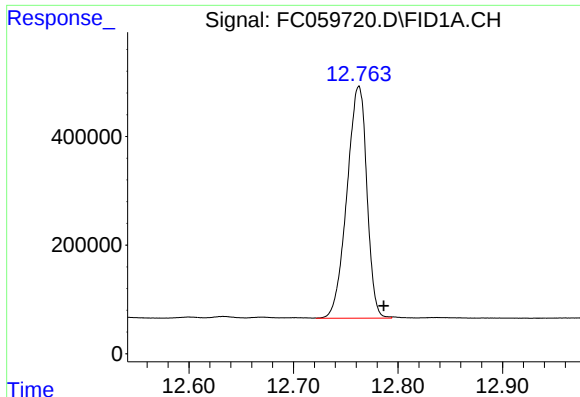
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 5760823
Conc: 43.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: -0.027 min
Response: 4082877
Conc: 35.48 ug/ml



#13 n-Docosane (C22)

R.T.: 12.763 min
Delta R.T.: -0.024 min
Response: 5657813
Conc: 43.11 ug/ml

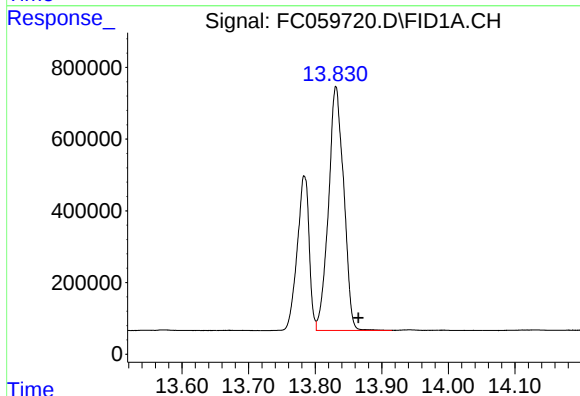
Instrument :

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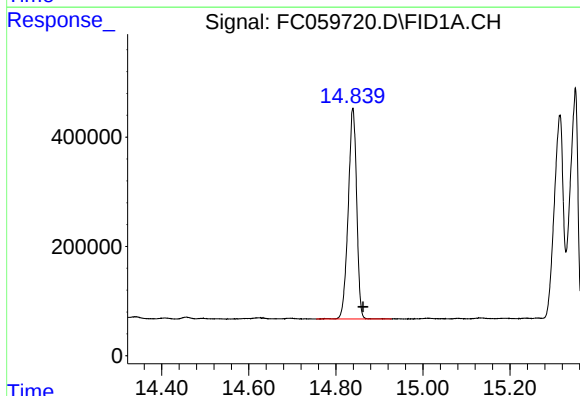
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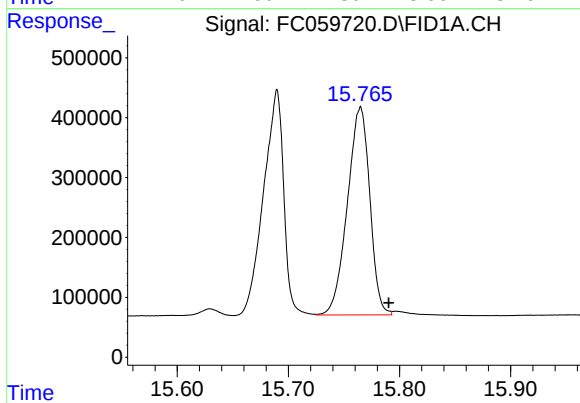
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.033 min
Response: 10797616
Conc: 85.82 ug/ml



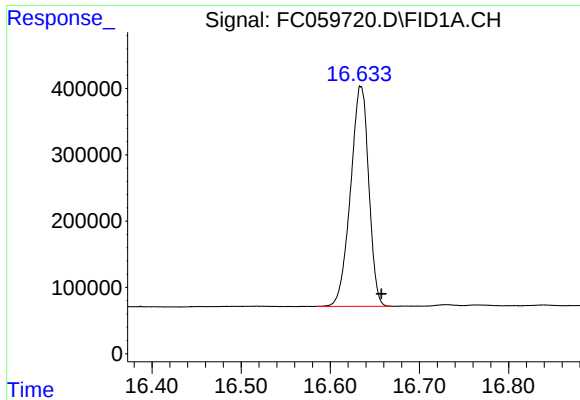
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: -0.024 min
Response: 5202192
Conc: 43.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.026 min
Response: 4867037
Conc: 42.75 ug/ml m



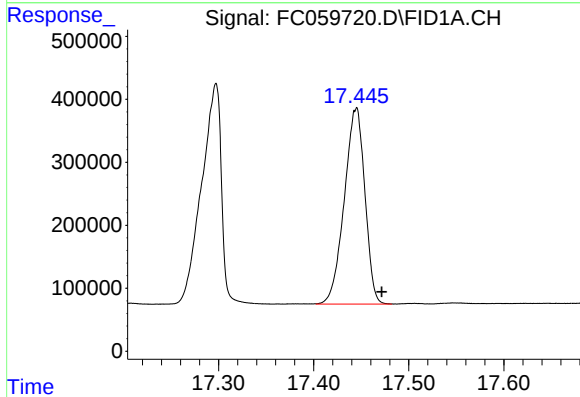
#17 n-Tricontane (C30)

R.T.: 16.633 min
Delta R.T.: -0.025 min
Response: 4720255
Conc: 42.94 ug/ml

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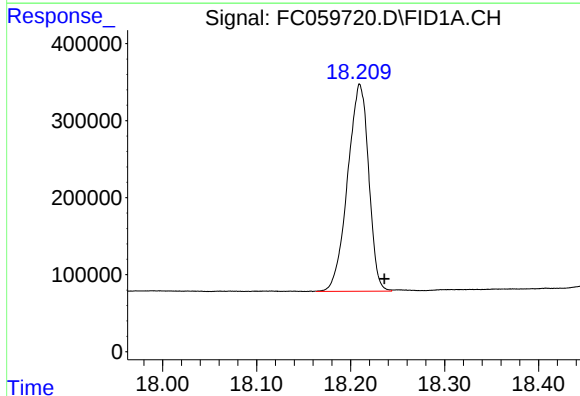
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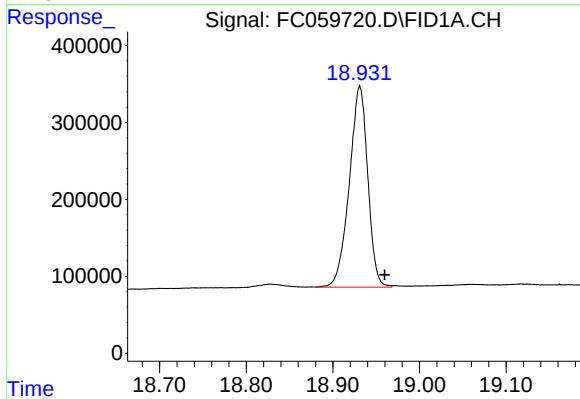
#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.026 min
Response: 4687042
Conc: 45.34 ug/ml m



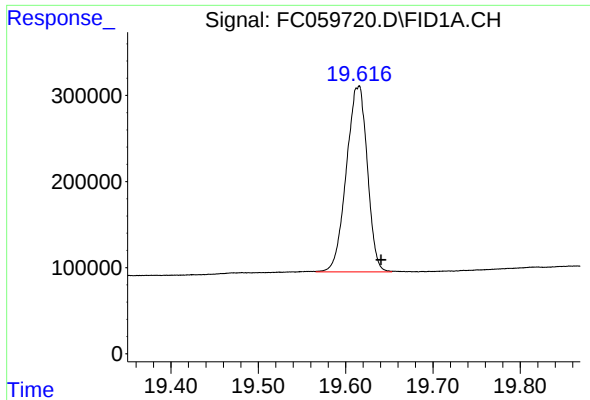
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.027 min
Response: 4188650
Conc: 42.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.029 min
Response: 3869669
Conc: 41.68 ug/ml m



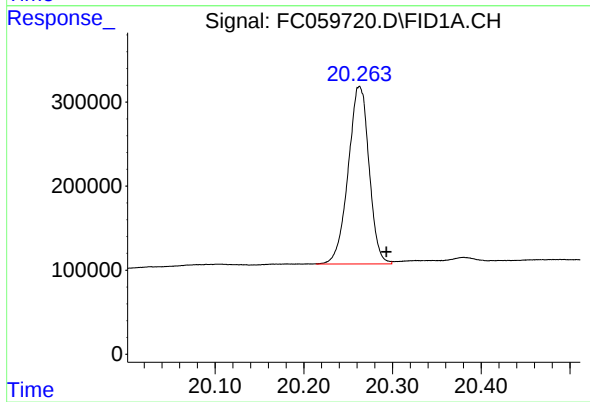
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.025 min
Response: 3597821
Conc: 37.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.030 min
Response: 3452802
Conc: 36.47 ug/ml m