

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052622AL\
 Data File : FC059932.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2022 12:41
 Operator : UA/NP
 Sample : PB144934BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144934BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/27/2022
 Supervised By :Ankita Jodhani 05/27/2022

Integration File: autoint1.e
 Quant Time: May 26 14:37:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 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)	10.642	7411341	47.113 ug/ml
Spiked Amount 50.000		Recovery =	94.23%
12) S 1-chlorooctadecane (S...	12.009	6039334	47.869 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
Target Compounds			
1) T n-Nonane (C9)	2.632	5016353	38.265 ug/ml
2) T n-Decane (C10)	3.624	5077188	39.140 ug/ml
3) T A~Naphthalene (C11.7)	5.154	6334230	43.350 ug/ml
4) T n-Dodecane (C12)	5.572	5644313	42.069 ug/ml
5) T A~2-methylnaphthalene...	6.177	6461214	43.045 ug/ml
6) T n-Tetradecane (C14)	7.325	6157268	45.103 ug/ml
7) T n-Hexadecane (C16)	8.888	6683982	47.502 ug/ml
8) T n-Octadecane (C18)	10.297	7159514	49.743 ug/ml
10) T n-Eicosane (C20)	11.577	6978874	48.308 ug/ml
11) T n-Heneicosane (C21)	12.174	6953385	47.946 ug/ml
13) T n-Docosane (C22)	12.746	6914779	47.396 ug/ml
14) T n-Tetracosane (C24)	13.821	13426821	91.957 ug/mlm
15) T n-Hexacosane (C26)	14.824	6626869	46.116 ug/ml
16) T n-Octacosane (C28)	15.749	6461653	46.097 ug/ml
17) T n-Tricontane (C30)	16.618	5933429	44.414 ug/ml
18) T n-Dotriacontane (C32)	17.427	5732720	47.036 ug/ml
19) T n-Tetratriacontane (C34)	18.192	5068372	47.669 ug/mlm
20) T n-Hexatriacontane (C36)	18.913	4558583	47.441 ug/mlm
21) T n-Octatriacontane (C38)	19.595	4292715	46.563 ug/ml
22) T n-Tetracontane (C40)	20.243	4494534	46.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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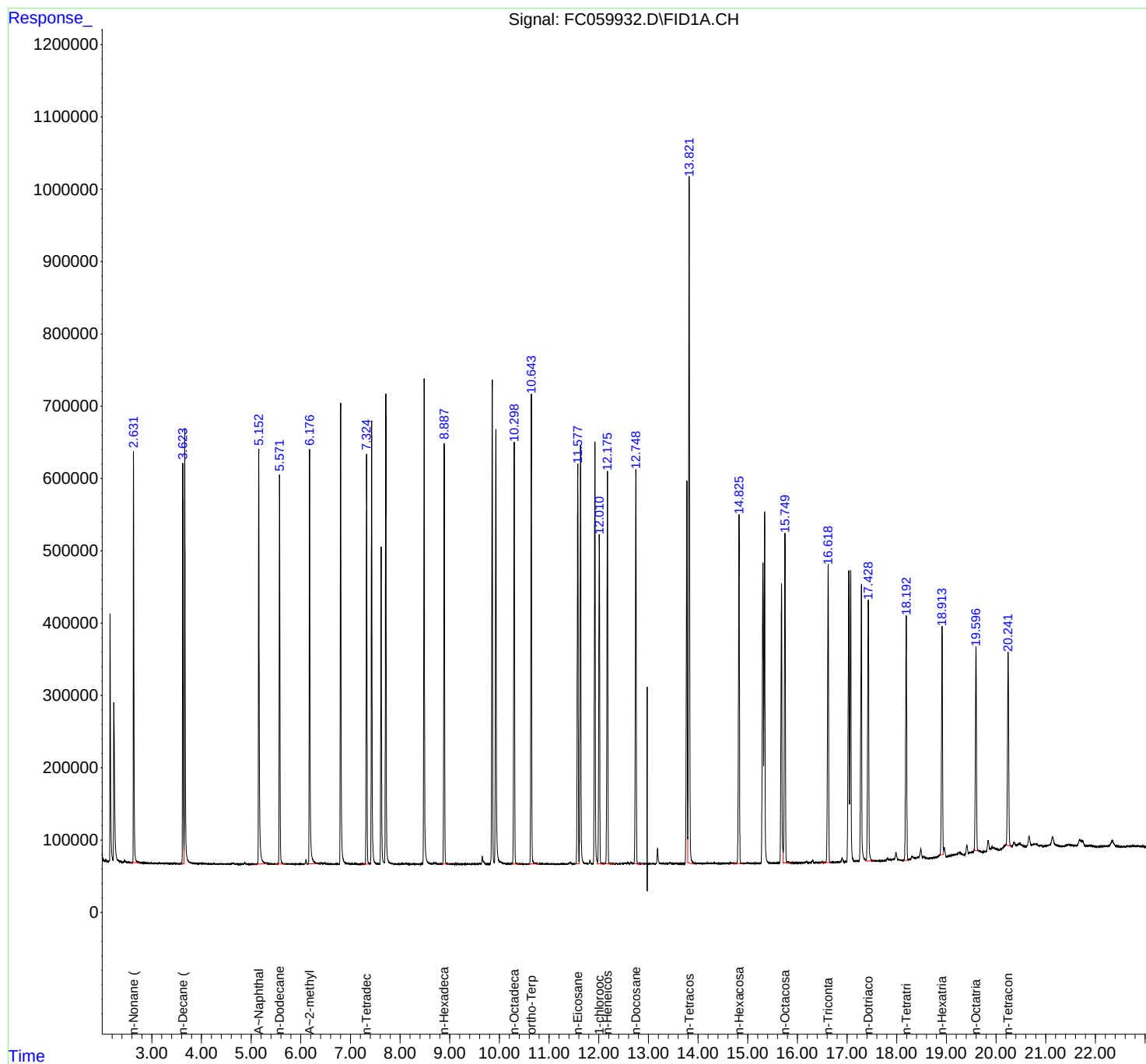
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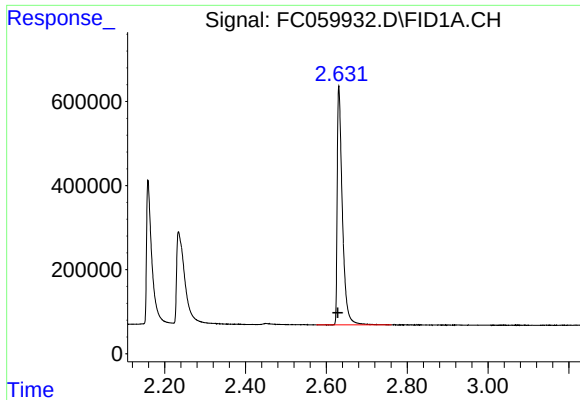
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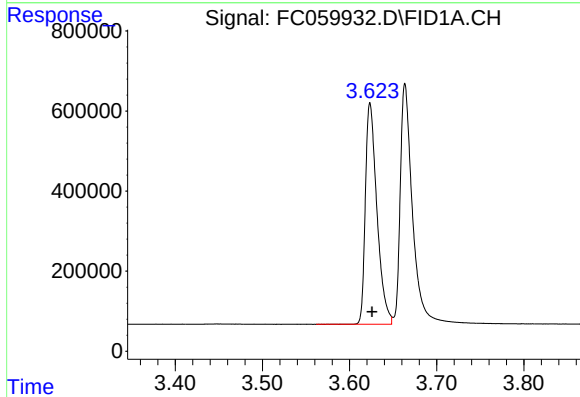
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: 0.004 min
Response: 5016353
Conc: 38.27 ug/ml

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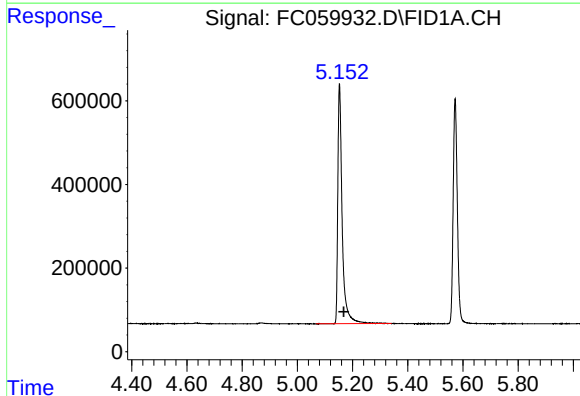
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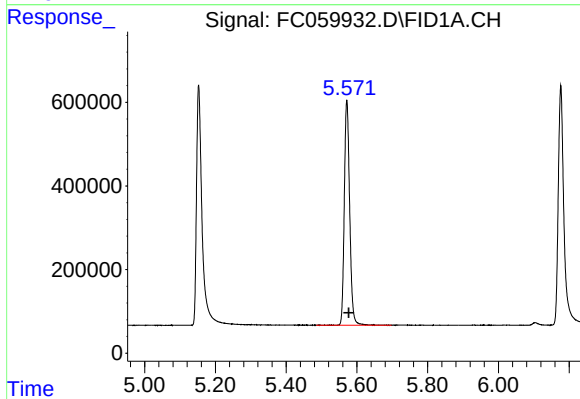
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.002 min
Response: 5077188
Conc: 39.14 ug/ml



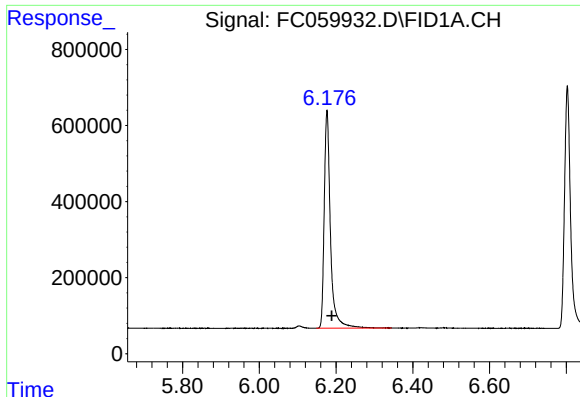
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.014 min
Response: 6334230
Conc: 43.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 5644313
Conc: 42.07 ug/ml



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

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 6461214
Conc: 43.04 ug/ml

Instrument :

FID_C

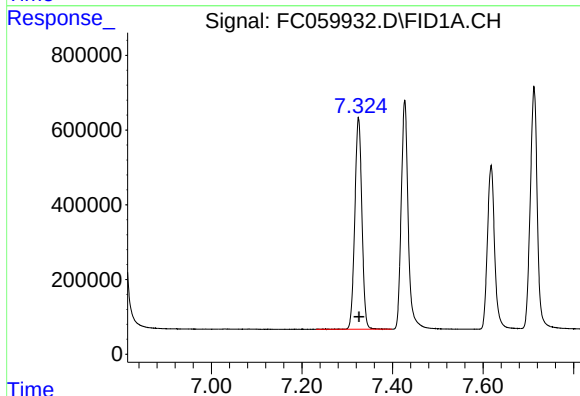
ClientSampleId :

PB144934BS

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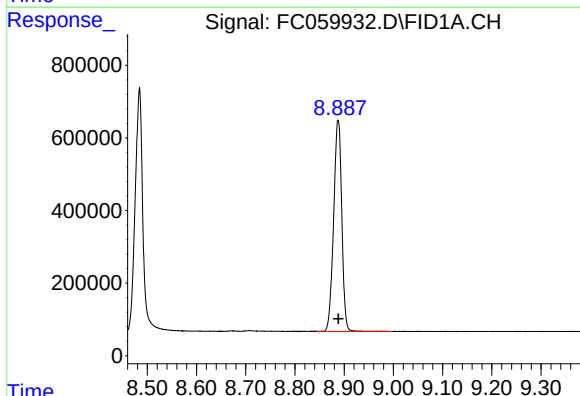
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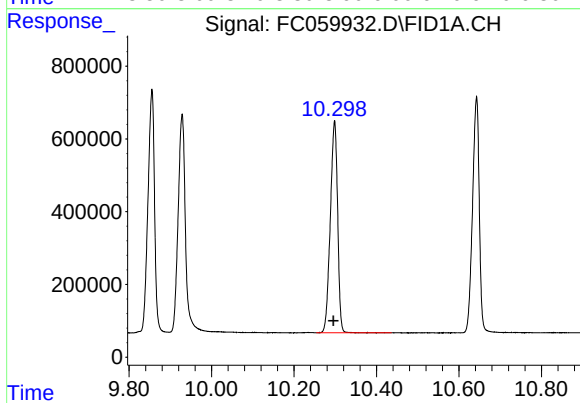
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: -0.001 min
Response: 6157268
Conc: 45.10 ug/ml



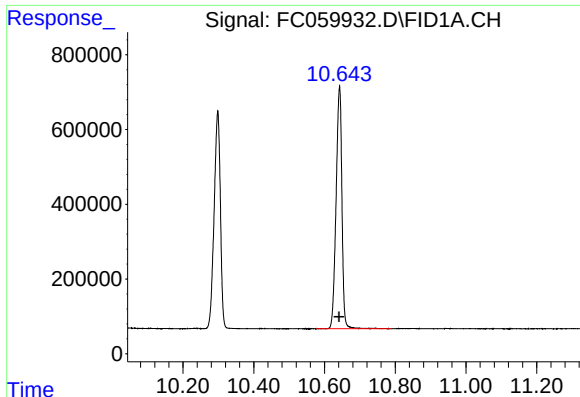
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 6683982
Conc: 47.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 7159514
Conc: 49.74 ug/ml



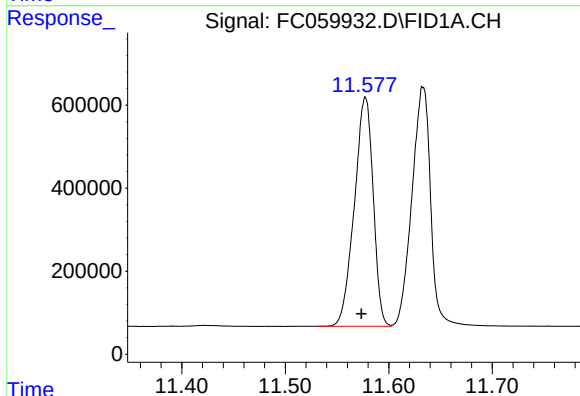
#9 ortho-Terphenyl (SURR)

R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 7411341
Conc: 47.11 ug/ml

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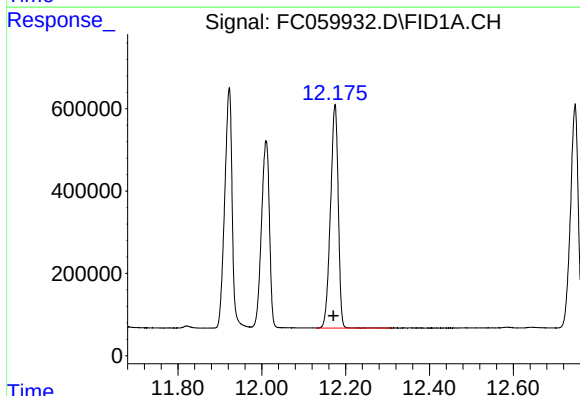
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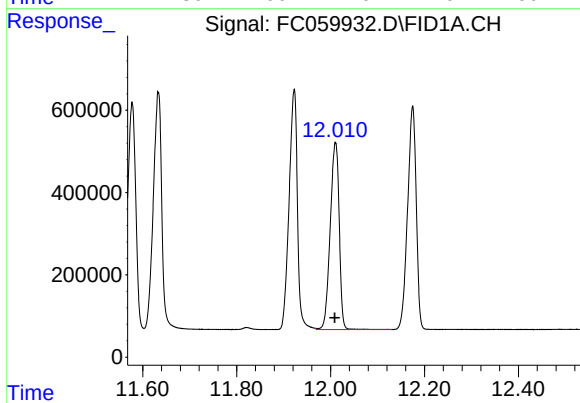
#10 n-Eicosane (C20)

R.T.: 11.577 min
Delta R.T.: 0.003 min
Response: 6978874
Conc: 48.31 ug/ml



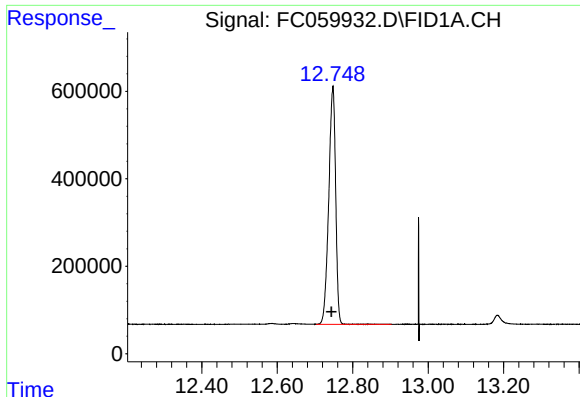
#11 n-Heneicosane (C21)

R.T.: 12.174 min
Delta R.T.: 0.003 min
Response: 6953385
Conc: 47.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.009 min
Delta R.T.: 0.000 min
Response: 6039334
Conc: 47.87 ug/ml



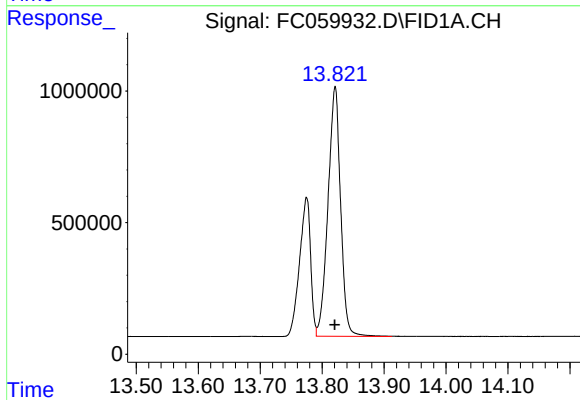
#13 n-Docosane (C22)

R.T.: 12.746 min
Delta R.T.: 0.003 min
Response: 6914779
Conc: 47.40 ug/ml

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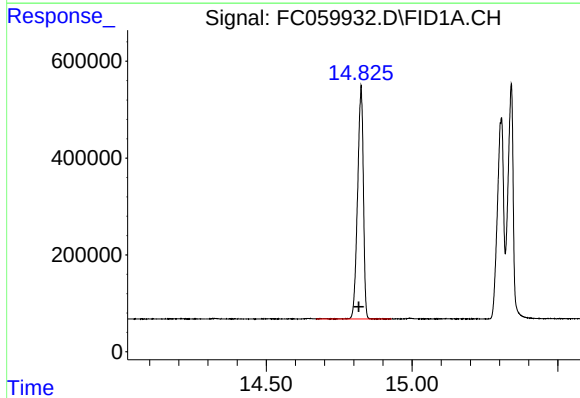
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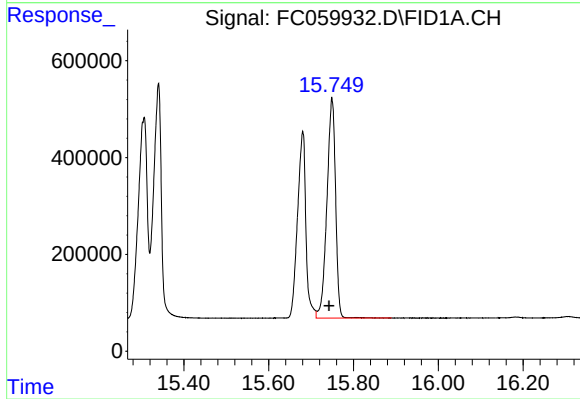
#14 n-Tetracosane (C24)

R.T.: 13.821 min
Delta R.T.: 0.000 min
Response: 13426821
Conc: 91.96 ug/ml m



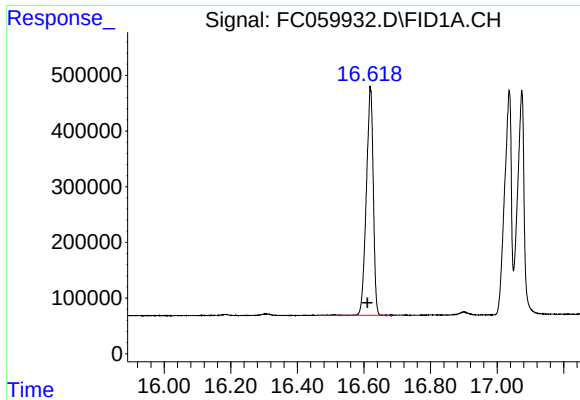
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 6626869
Conc: 46.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.749 min
Delta R.T.: 0.005 min
Response: 6461653
Conc: 46.10 ug/ml



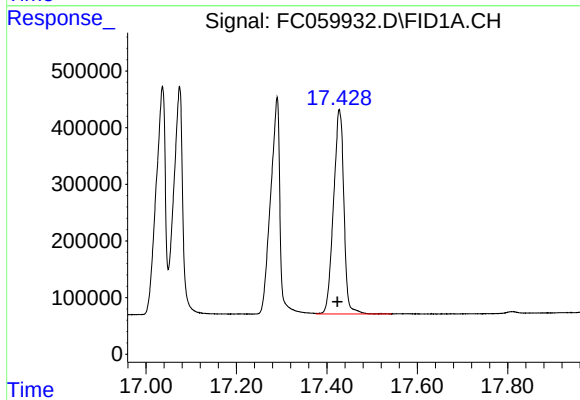
#17 n-Tricontane (C30)

R.T.: 16.618 min
Delta R.T.: 0.008 min
Response: 5933429
Conc: 44.41 ug/ml

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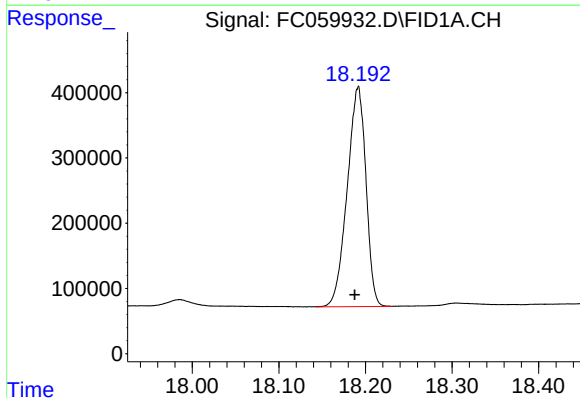
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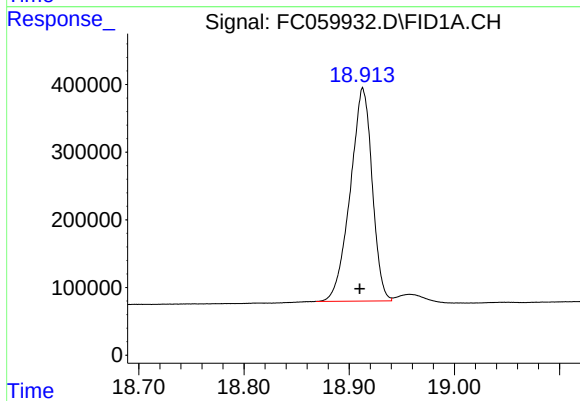
#18 n-Dotriacontane (C32)

R.T.: 17.427 min
Delta R.T.: 0.004 min
Response: 5732720
Conc: 47.04 ug/ml



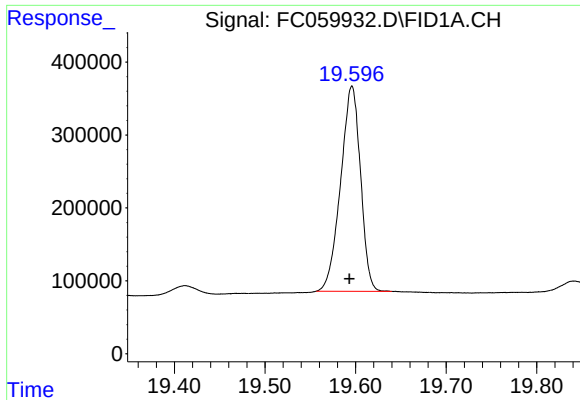
#19 n-Tetratriacontane (C34)

R.T.: 18.192 min
Delta R.T.: 0.004 min
Response: 5068372
Conc: 47.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.913 min
Delta R.T.: 0.003 min
Response: 4558583
Conc: 47.44 ug/ml m



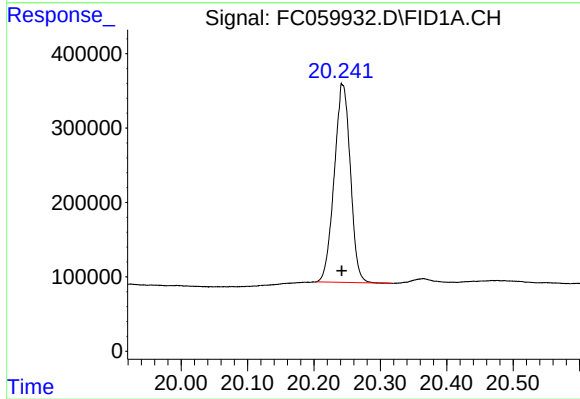
#21 n-Octatriacontane (C38)

R.T.: 19.595 min
Delta R.T.: 0.002 min
Response: 4292715
Conc: 46.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.243 min
Delta R.T.: 0.001 min
Response: 4494534
Conc: 46.93 ug/ml