

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC059982.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2022 20:51
 Operator : UA/NP
 Sample : PB145182BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145182BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File: sample.E
 Quant Time: May 30 01:28:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.652	6793763	43.655 ug/ml
Spiked Amount 50.000		Recovery =	87.31%
12) S 1-chlorooctadecane (S...	12.022	5539094	44.674 ug/ml
Spiked Amount 50.000		Recovery =	89.35%
Target Compounds			
1) T n-Nonane (C9)	2.640	5322128	41.583 ug/ml
2) T n-Decane (C10)	3.632	5528461	43.214 ug/ml
3) T A~Naphthalene (C11.7)	5.161	6906168	47.780 ug/ml
4) T n-Dodecane (C12)	5.580	6241302	46.820 ug/ml
5) T A~2-methylnaphthalene...	6.186	7002864	47.714 ug/ml
6) T n-Tetradecane (C14)	7.335	6480350	47.470 ug/ml
7) T n-Hexadecane (C16)	8.897	6651834	47.409 ug/ml
8) T n-Octadecane (C18)	10.308	6983538	48.799 ug/ml
10) T n-Eicosane (C20)	11.589	6693240	46.914 ug/ml
11) T n-Heneicosane (C21)	12.187	6700614	46.747 ug/ml
13) T n-Docosane (C22)	12.760	6592417	46.263 ug/ml
14) T n-Tetracosane (C24)	13.834	12319438	87.789 ug/mlm
15) T n-Hexacosane (C26)	14.838	6210670	45.864 ug/ml
16) T n-Octacosane (C28)	15.764	6113749	46.944 ug/mlm
17) T n-Tricontane (C30)	16.634	5500815	44.932 ug/ml
18) T n-Dotriacontane (C32)	17.445	5219245	46.811 ug/ml
19) T n-Tetratriacontane (C34)	18.210	4761715	46.686 ug/ml
20) T n-Hexatriacontane (C36)	18.934	4384851	46.303 ug/mlm
21) T n-Octatriacontane (C38)	19.617	4115923	44.611 ug/mlm
22) T n-Tetracontane (C40)	20.265	4064522	43.200 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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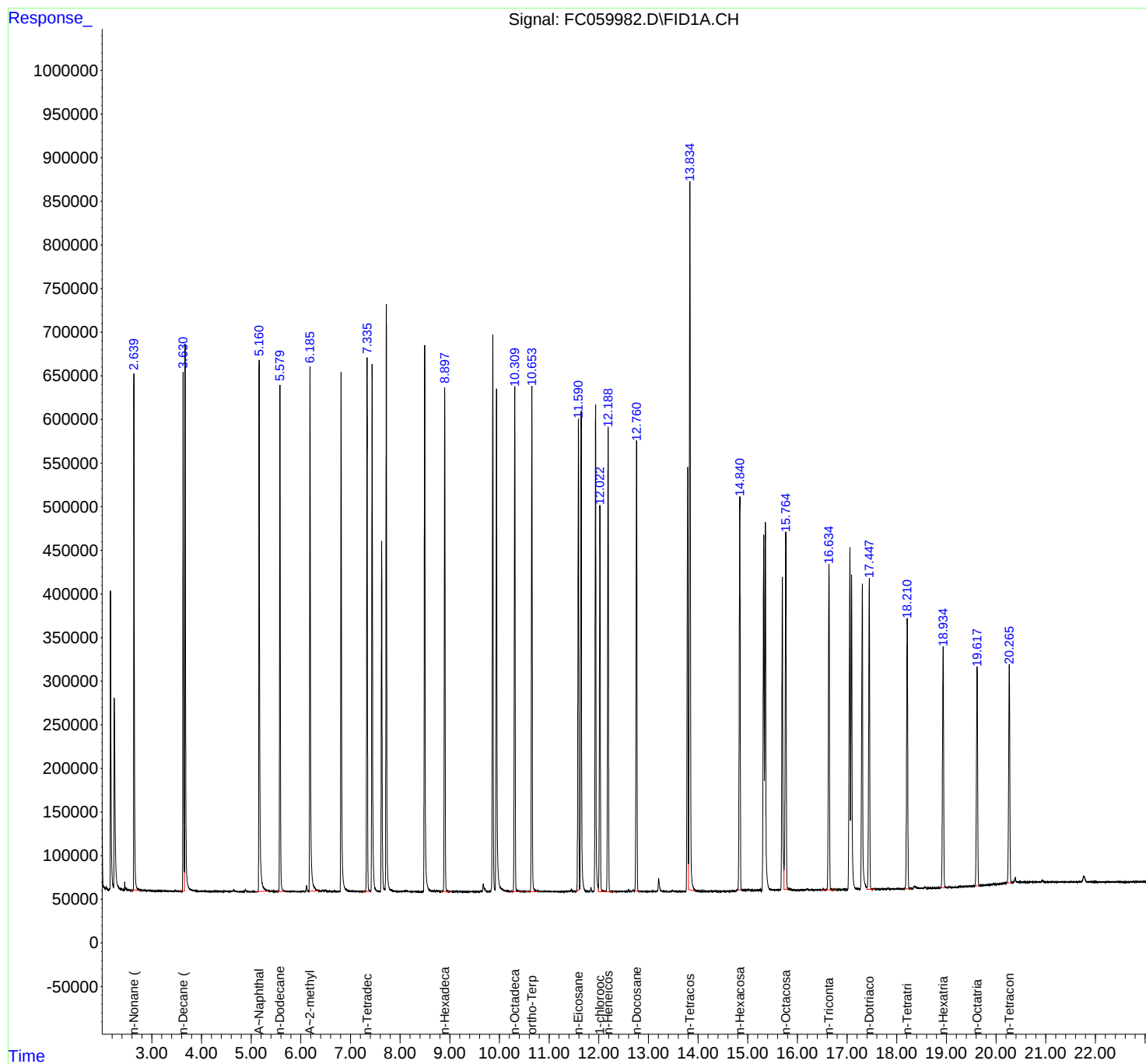
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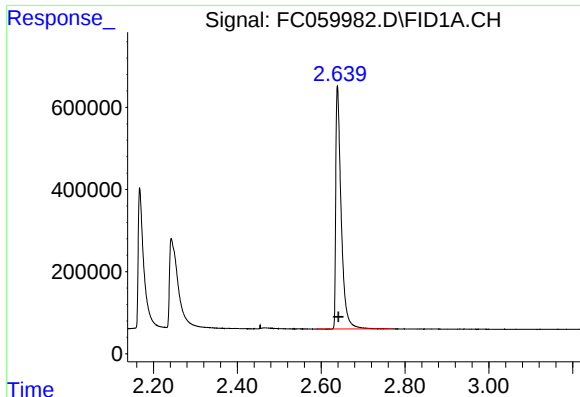
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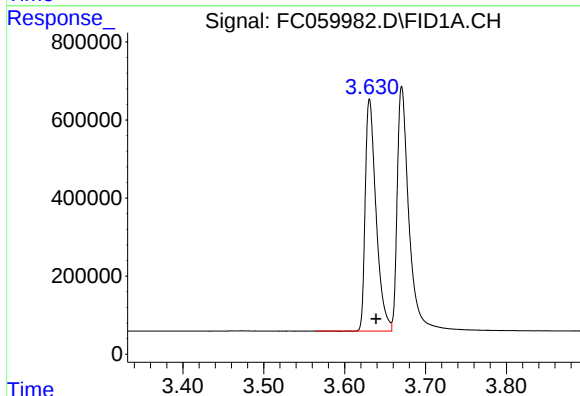
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: 0.000 min
Response: 5322128
Conc: 41.58 ug/ml

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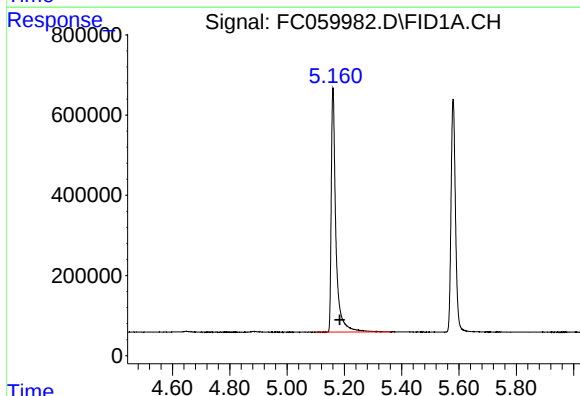
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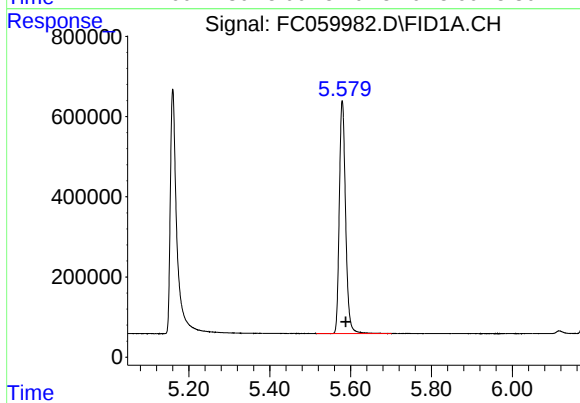
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: -0.007 min
Response: 5528461
Conc: 43.21 ug/ml



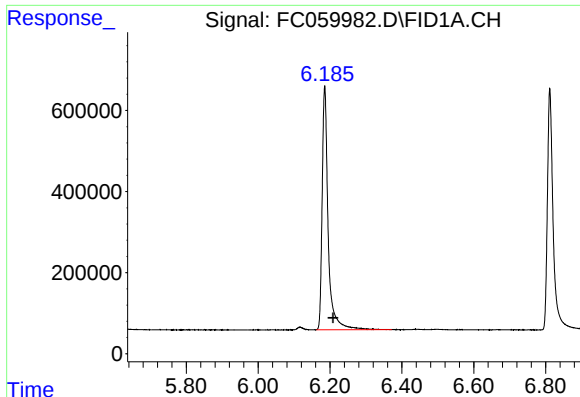
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 6906168
Conc: 47.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 6241302
Conc: 46.82 ug/ml



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

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 7002864
Conc: 47.71 ug/ml

Instrument :

FID_C

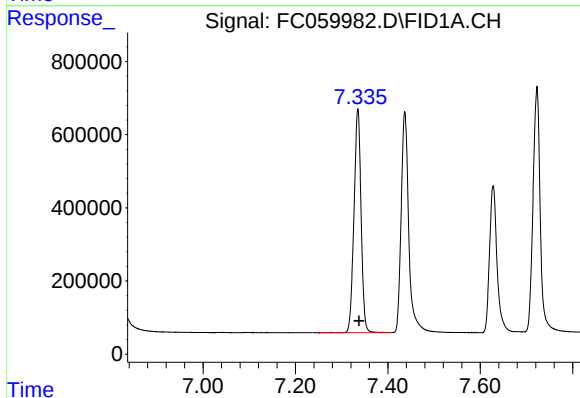
ClientSampleId :

PB145182BS

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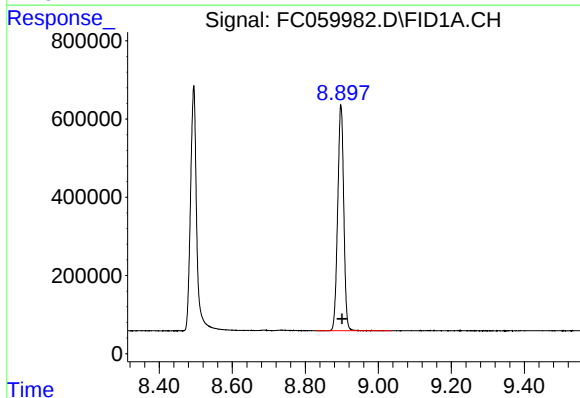
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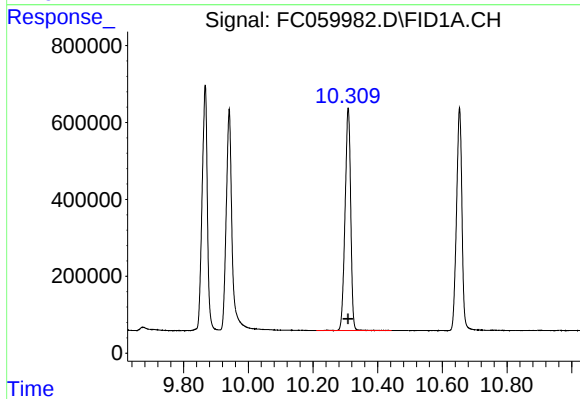
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 6480350
Conc: 47.47 ug/ml



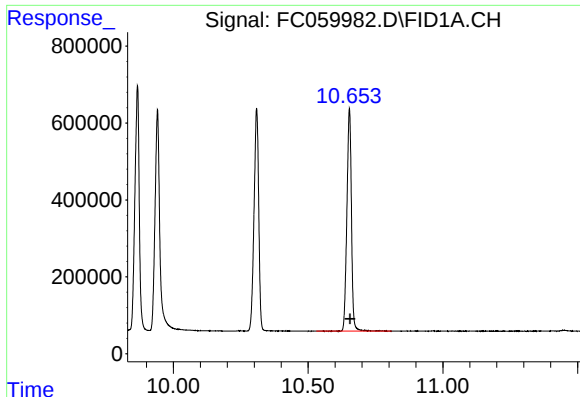
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 6651834
Conc: 47.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 6983538
Conc: 48.80 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.003 min
Response: 6793763
Conc: 43.66 ug/ml

Instrument :

FID_C

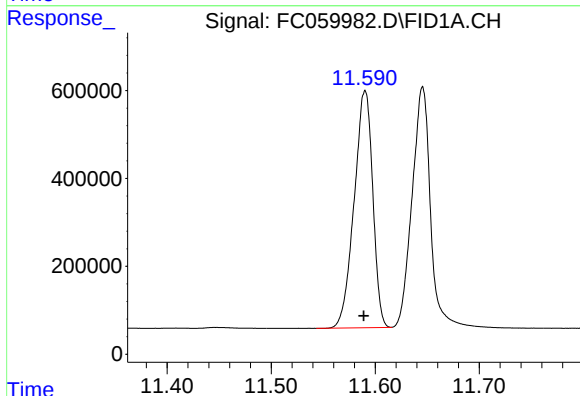
ClientSampleId :

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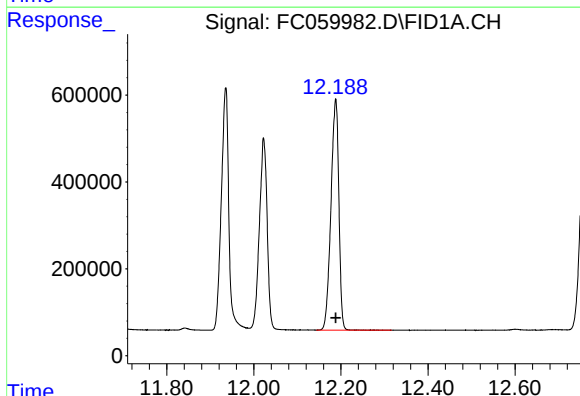
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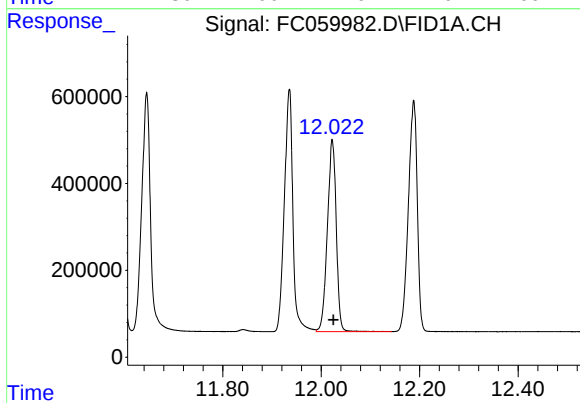
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 6693240
Conc: 46.91 ug/ml



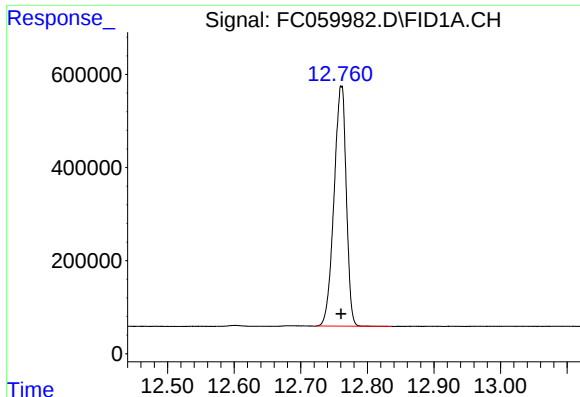
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: 0.000 min
Response: 6700614
Conc: 46.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: -0.003 min
Response: 5539094
Conc: 44.67 ug/ml



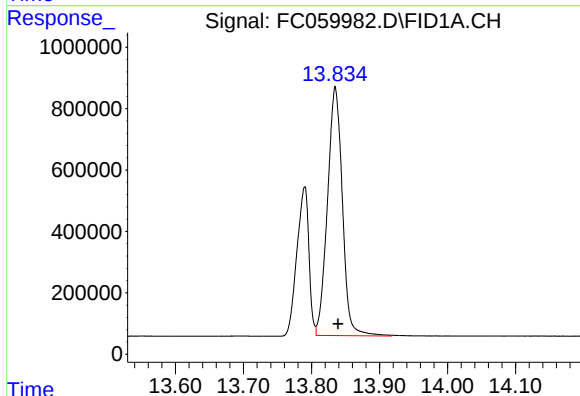
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 6592417
Conc: 46.26 ug/ml

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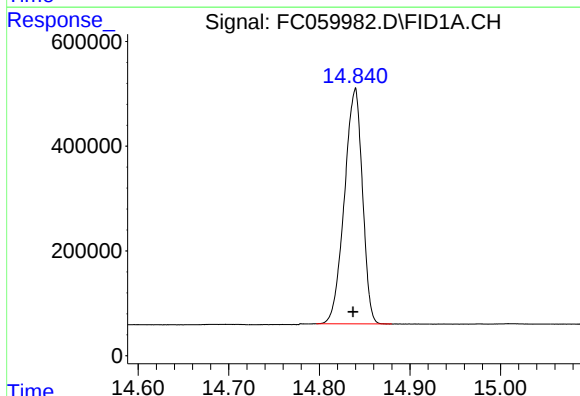
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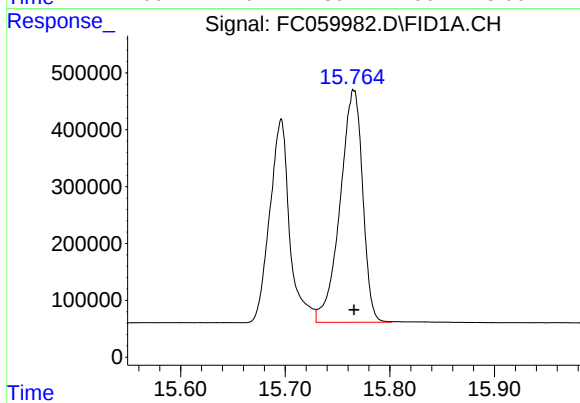
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.005 min
Response: 12319438
Conc: 87.79 ug/ml m



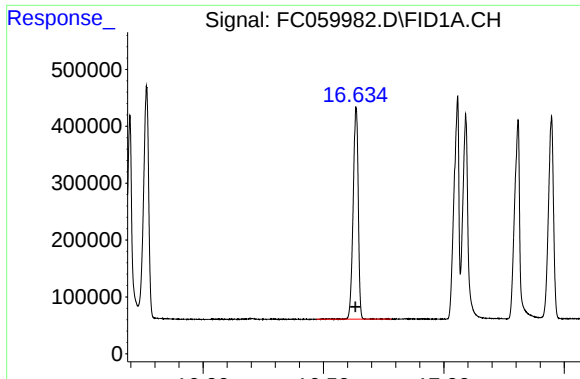
#15 n-Hexacosane (C26)

R.T.: 14.838 min
Delta R.T.: 0.001 min
Response: 6210670
Conc: 45.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.764 min
Delta R.T.: -0.002 min
Response: 6113749
Conc: 46.94 ug/ml m



#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: 0.001 min
Response: 5500815
Conc: 44.93 ug/ml

Instrument :

FID_C

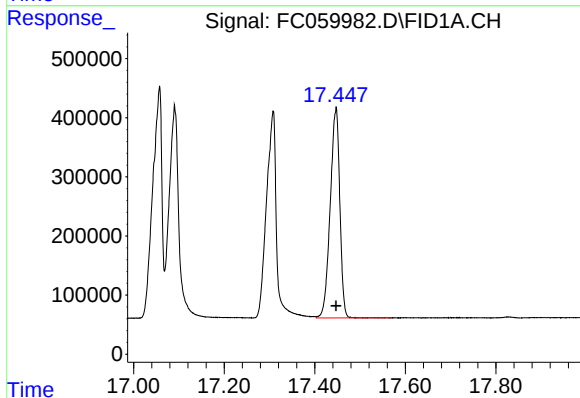
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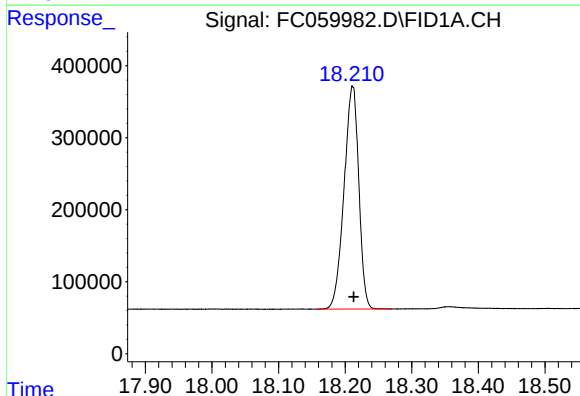
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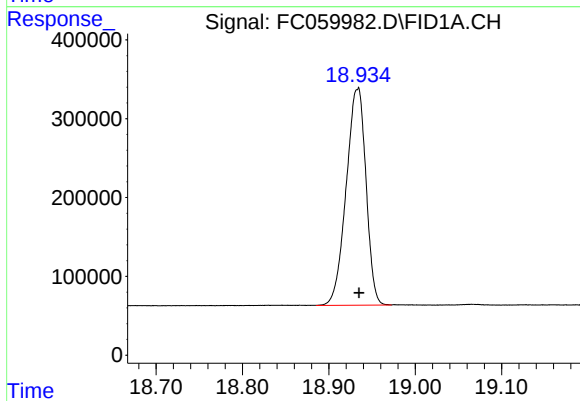
#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.002 min
Response: 5219245
Conc: 46.81 ug/ml



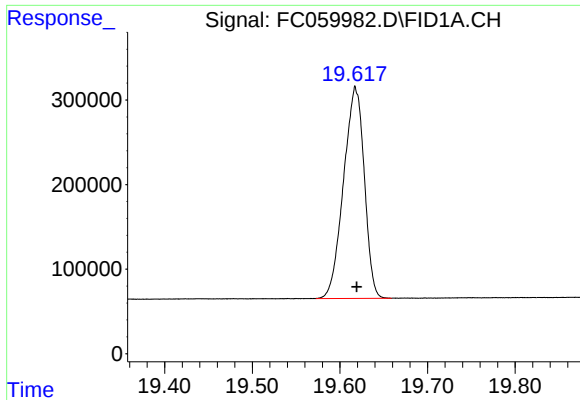
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min
Delta R.T.: -0.003 min
Response: 4761715
Conc: 46.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 4384851
Conc: 46.30 ug/ml m



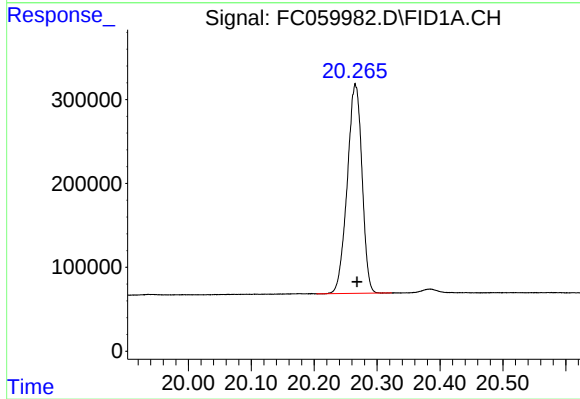
#21 n-Octatriacontane (C38)

R.T.: 19.617 min
Delta R.T.: -0.002 min
Response: 4115923
Conc: 44.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.265 min
Delta R.T.: -0.003 min
Response: 4064522
Conc: 43.20 ug/ml