

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC059980.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2022 18:48
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 01:28:32 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	3350325	21.528 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
12) S 1-chlorooctadecane (S...	12.021	2667340	21.513 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
Target Compounds			
1) T n-Nonane (C9)	2.632	2761629	21.577 ug/ml
2) T n-Decane (C10)	3.629	2775355	21.694 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3169495	21.928 ug/ml
4) T n-Dodecane (C12)	5.581	2880890	21.611 ug/ml
5) T A~2-methylnaphthalene...	6.189	3235717	22.046 ug/ml
6) T n-Tetradecane (C14)	7.333	2962400	21.700 ug/ml
7) T n-Hexadecane (C16)	8.897	3025793	21.565 ug/ml
8) T n-Octadecane (C18)	10.306	3093355	21.615 ug/ml
10) T n-Eicosane (C20)	11.587	3062039	21.462 ug/ml
11) T n-Heneicosane (C21)	12.185	3067894	21.403 ug/ml
13) T n-Docosane (C22)	12.758	3046253	21.377 ug/ml
14) T n-Tetracosane (C24)	13.837	2973444	21.189 ug/ml
15) T n-Hexacosane (C26)	14.834	2850082	21.047 ug/ml
16) T n-Octacosane (C28)	15.763	2720914	20.892 ug/ml
17) T n-Tricontane (C30)	16.628	2573794	21.023 ug/ml
18) T n-Dotriacontane (C32)	17.442	2374702	21.299 ug/ml
19) T n-Tetratriacontane (C34)	18.207	2181129	21.385 ug/ml
20) T n-Hexatriacontane (C36)	18.929	2030145	21.438 ug/ml
21) T n-Octatriacontane (C38)	19.613	1990283	21.572 ug/mlm
22) T n-Tetracontane (C40)	20.262	2036910	21.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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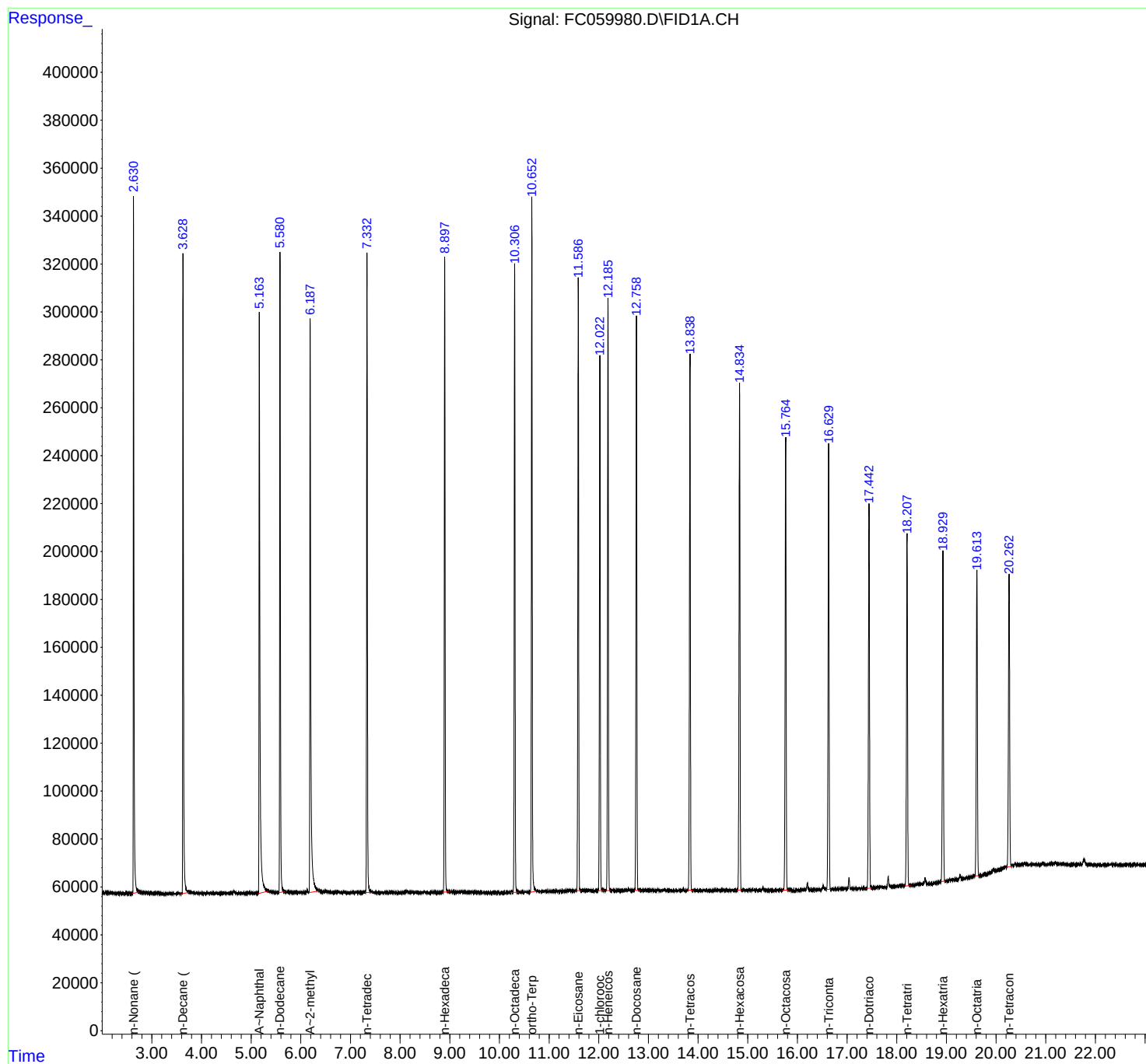
Instrument :
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20 PPM ALIPHATIC HC STD

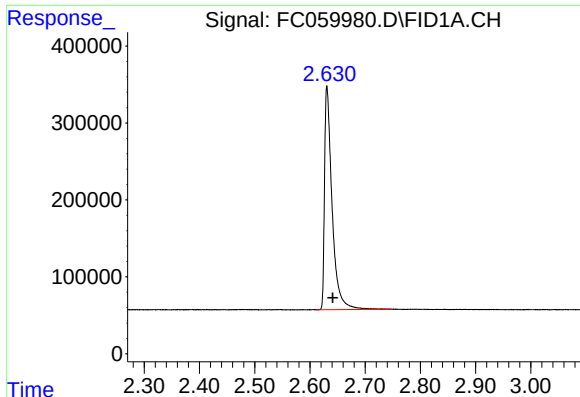
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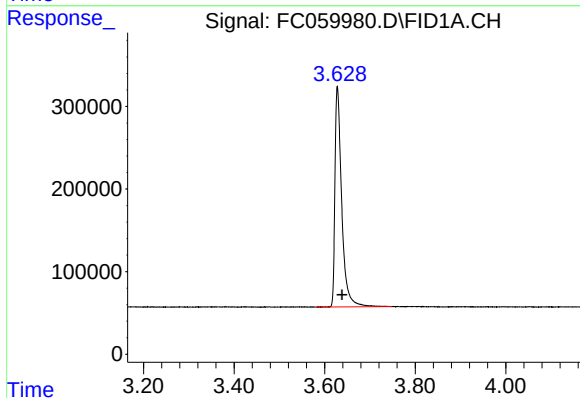
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.009 min
Response: 2761629
Conc: 21.58 ug/ml

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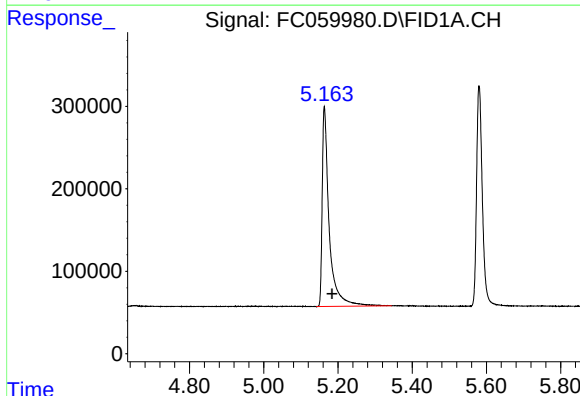
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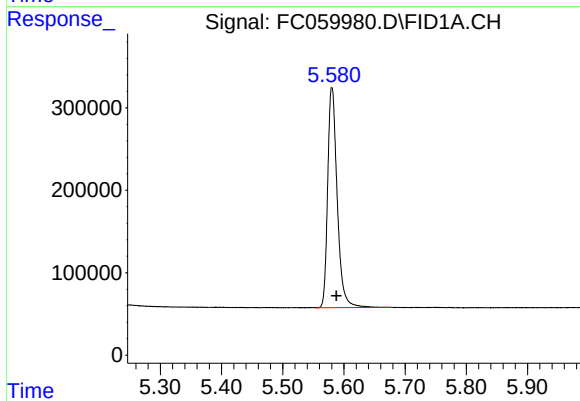
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 2775355
Conc: 21.69 ug/ml



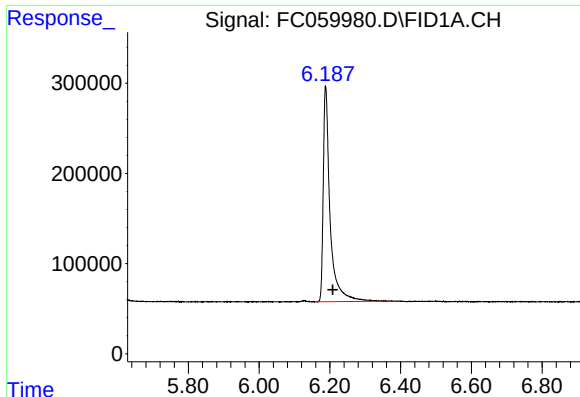
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.019 min
Response: 3169495
Conc: 21.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2880890
Conc: 21.61 ug/ml



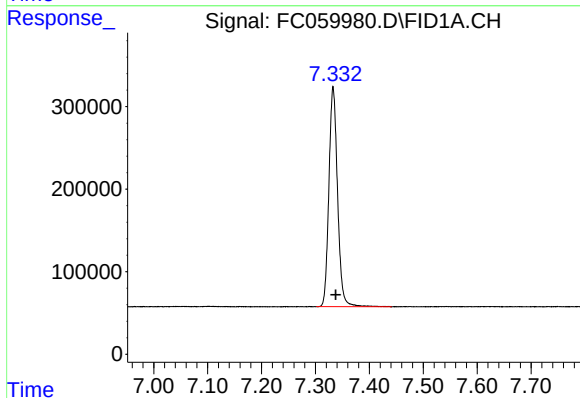
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 3235717
Conc: 22.05 ug/ml

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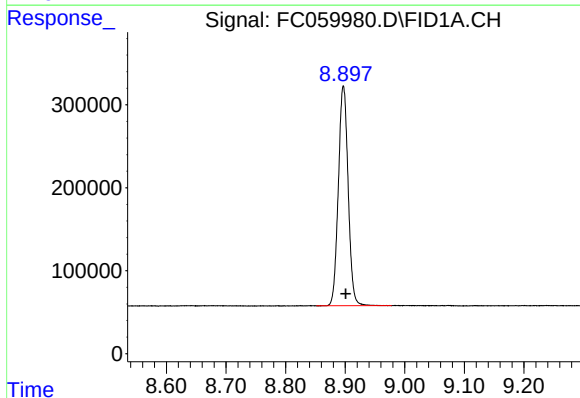
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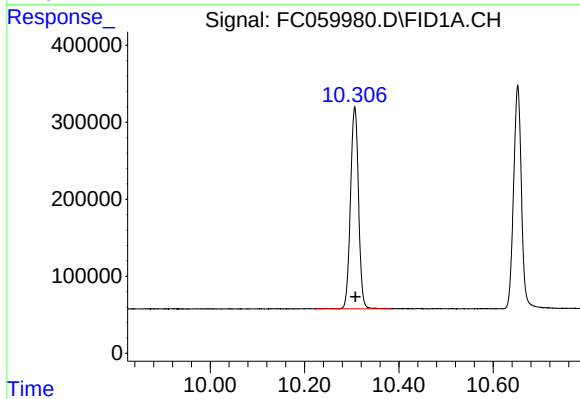
#6 n-Tetradecane (C14)

R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 2962400
Conc: 21.70 ug/ml



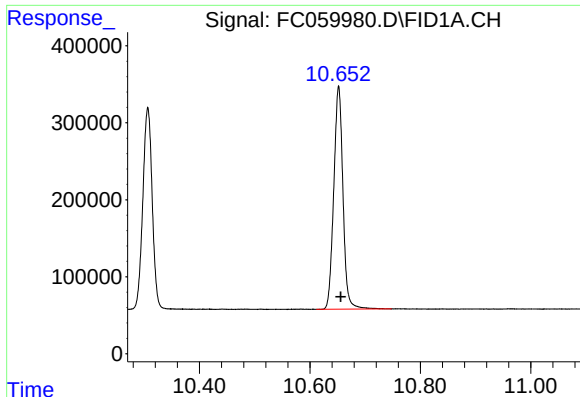
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.004 min
Response: 3025793
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 3093355
Conc: 21.62 ug/ml



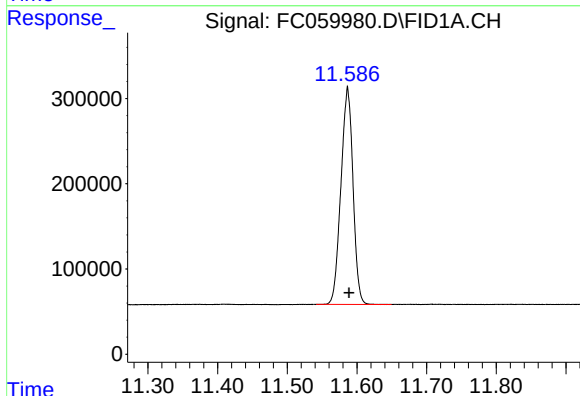
#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.004 min
Response: 3350325
Conc: 21.53 ug/ml

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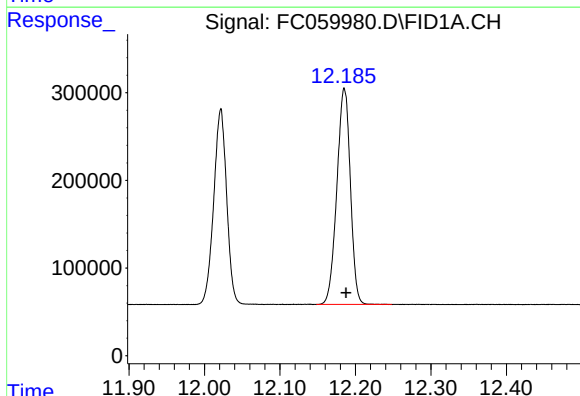
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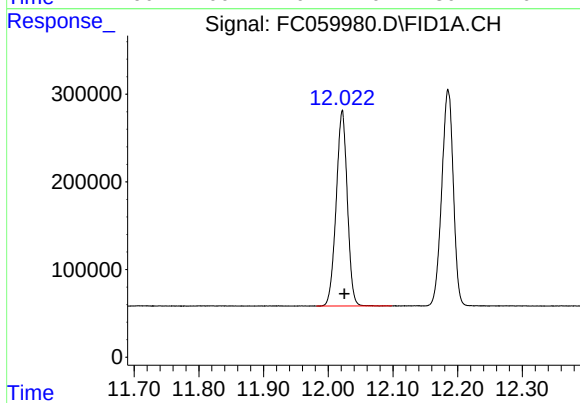
#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.002 min
Response: 3062039
Conc: 21.46 ug/ml



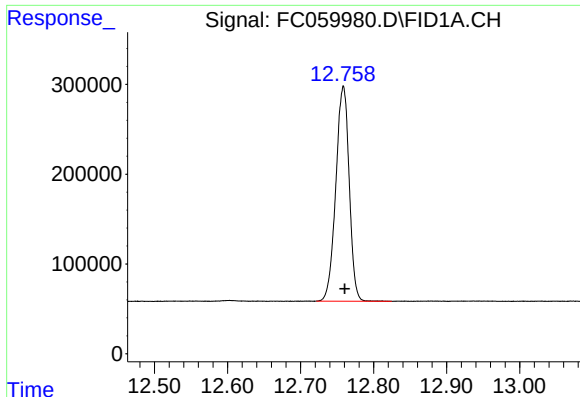
#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 3067894
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.021 min
Delta R.T.: -0.003 min
Response: 2667340
Conc: 21.51 ug/ml



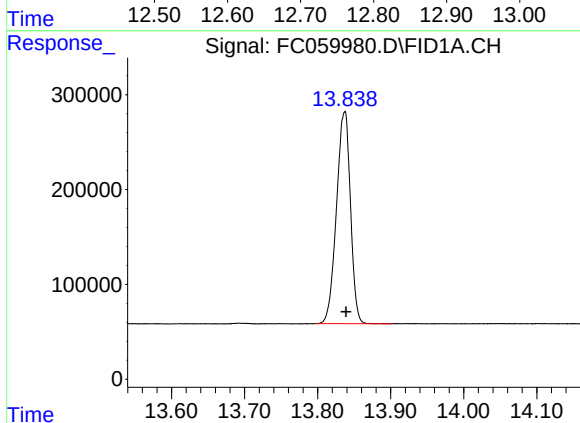
#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 3046253
Conc: 21.38 ug/ml

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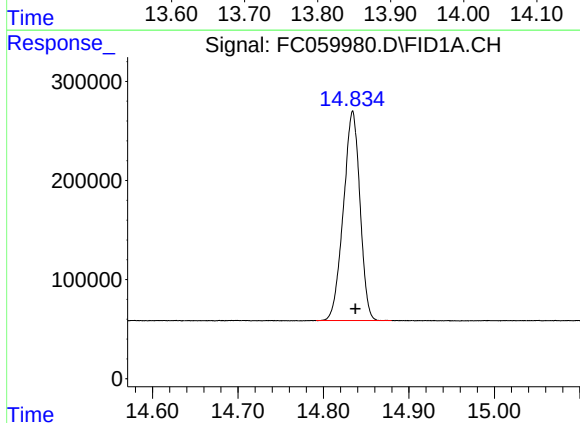
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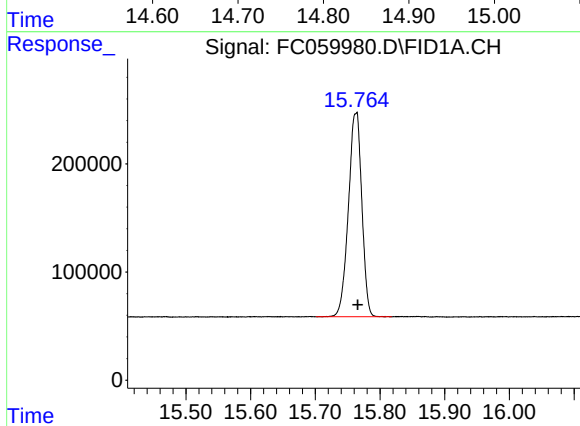
#14 n-Tetracosane (C24)

R.T.: 13.837 min
Delta R.T.: -0.003 min
Response: 2973444
Conc: 21.19 ug/ml



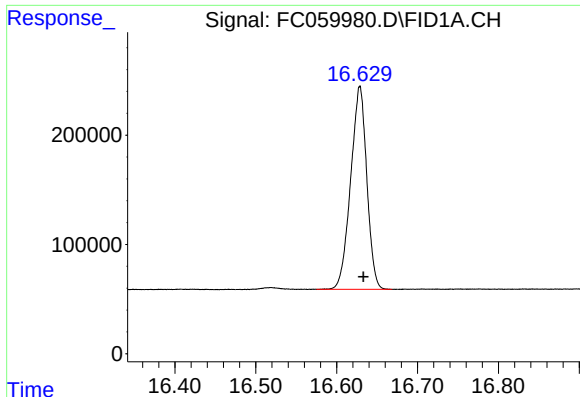
#15 n-Hexacosane (C26)

R.T.: 14.834 min
Delta R.T.: -0.003 min
Response: 2850082
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.003 min
Response: 2720914
Conc: 20.89 ug/ml



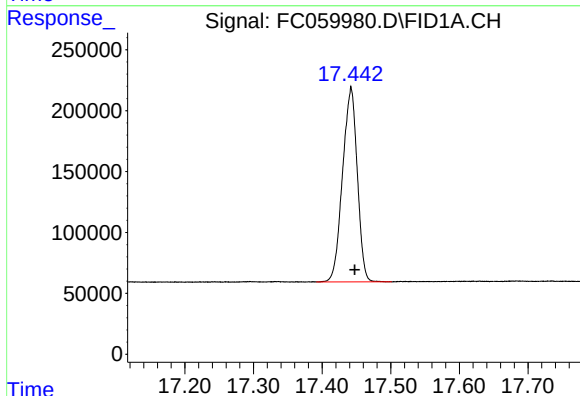
#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2573794
Conc: 21.02 ug/ml

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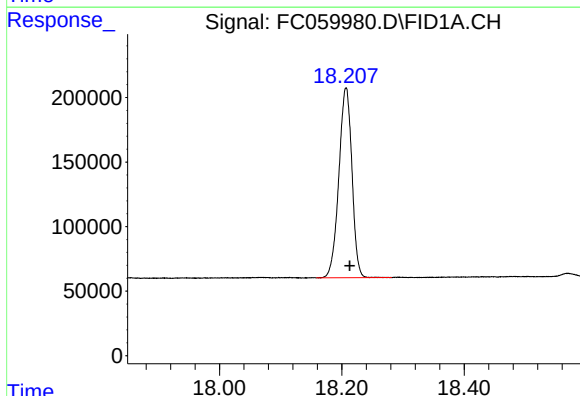
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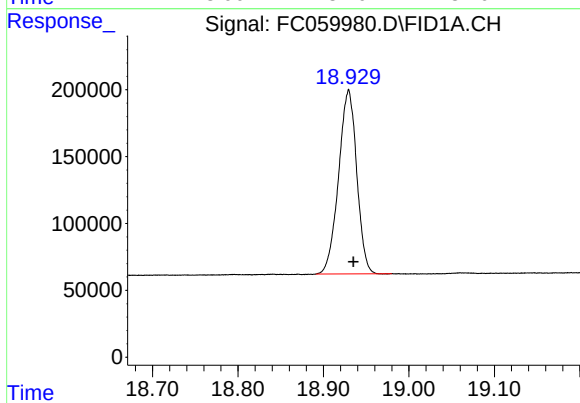
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.006 min
Response: 2374702
Conc: 21.30 ug/ml



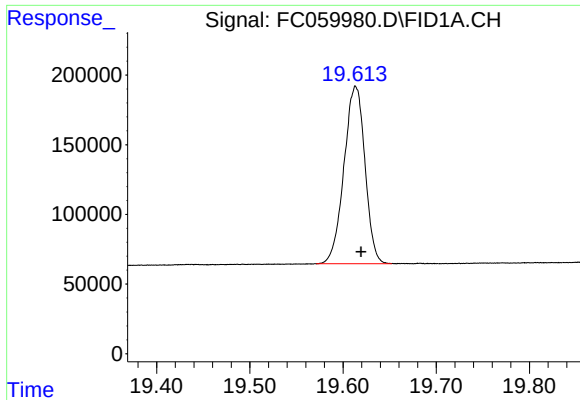
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.006 min
Response: 2181129
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.929 min
Delta R.T.: -0.006 min
Response: 2030145
Conc: 21.44 ug/ml



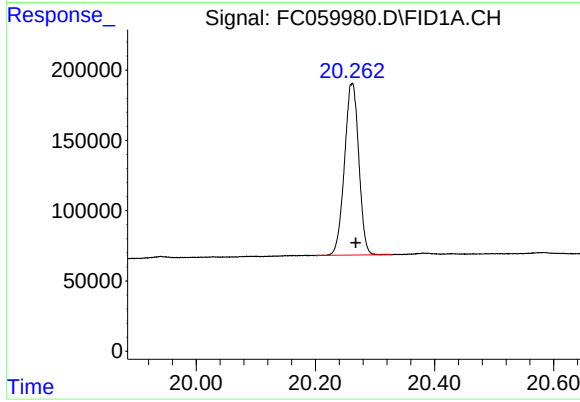
#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.006 min
Response: 1990283
Conc: 21.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.262 min
Delta R.T.: -0.006 min
Response: 2036910
Conc: 21.65 ug/ml