

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059904.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 22:10
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2022
 Supervised By :Ankita Jodhani 05/25/2022

Integration File: sample.E
 Quant Time: May 25 01:59:24 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)	10.640	3154824	20.055 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	12.008	2545090	20.173 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	2.621	2622462	20.004 ug/ml
2) T n-Decane (C10)	3.621	2603124	20.067 ug/ml
3) T A~Naphthalene (C11.7)	5.157	2968200	20.313 ug/ml
4) T n-Dodecane (C12)	5.574	2682304	19.992 ug/ml
5) T A~2-methylnaphthalene...	6.181	2984664	19.884 ug/ml
6) T n-Tetradecane (C14)	7.325	2731008	20.005 ug/ml
7) T n-Hexadecane (C16)	8.888	2818728	20.032 ug/ml
8) T n-Octadecane (C18)	10.296	2891621	20.091 ug/ml
10) T n-Eicosane (C20)	11.574	2913238	20.165 ug/ml
11) T n-Heneicosane (C21)	12.171	2925324	20.171 ug/ml
13) T n-Docosane (C22)	12.744	2930495	20.087 ug/ml
14) T n-Tetracosane (C24)	13.821	2928053	20.053 ug/ml
15) T n-Hexacosane (C26)	14.819	2881234	20.050 ug/ml
16) T n-Octacosane (C28)	15.746	2808844	20.038 ug/ml
17) T n-Tricontane (C30)	16.613	2631554	19.698 ug/ml
18) T n-Dotriacontane (C32)	17.425	2443956	20.052 ug/ml
19) T n-Tetratriacontane (C34)	18.189	2088594	19.644 ug/ml
20) T n-Hexatriacontane (C36)	18.912	1909251	19.870 ug/mlm
21) T n-Octatriacontane (C38)	19.595	1833310	19.886 ug/ml
22) T n-Tetracontane (C40)	20.244	1992397	20.806 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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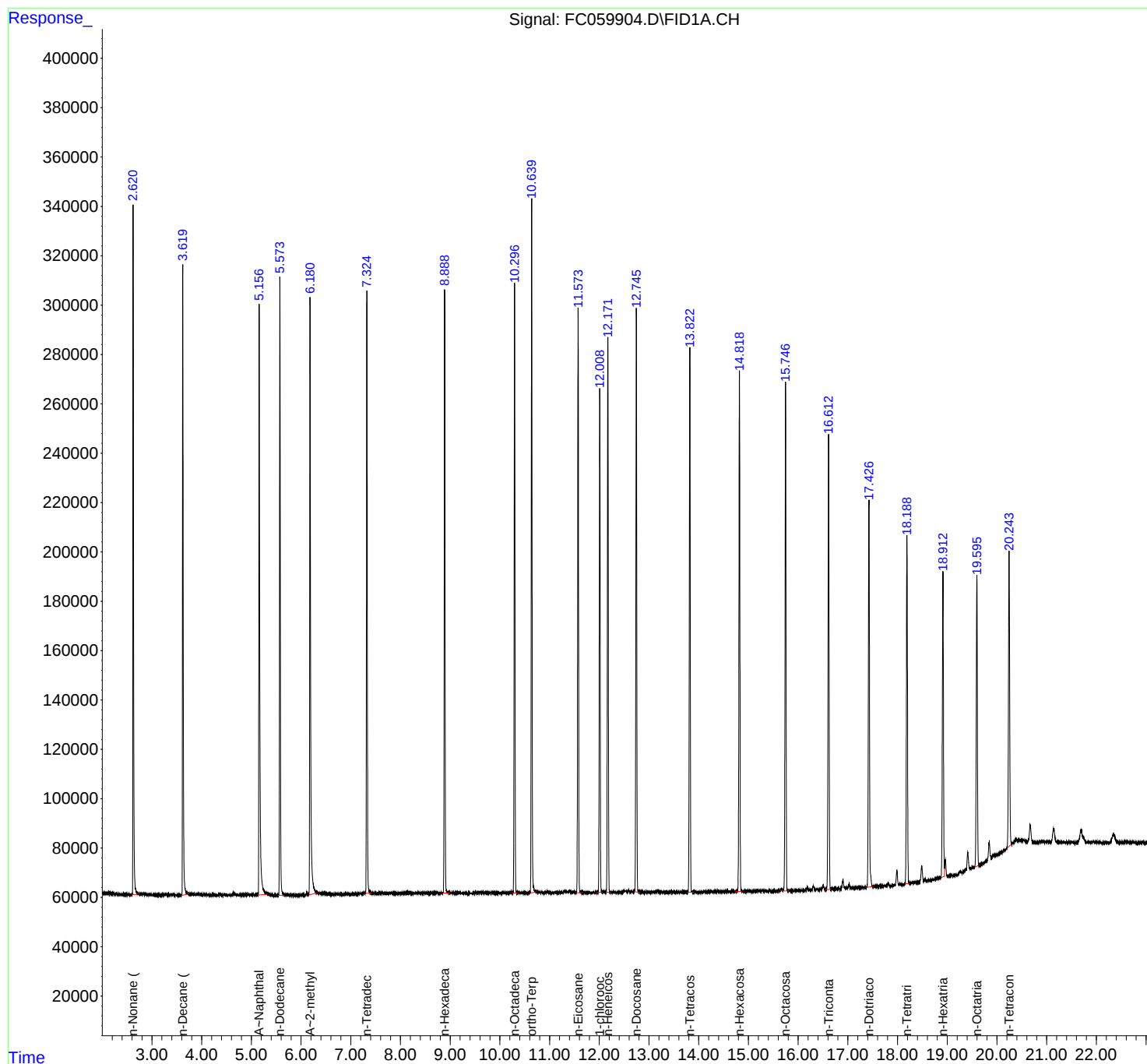
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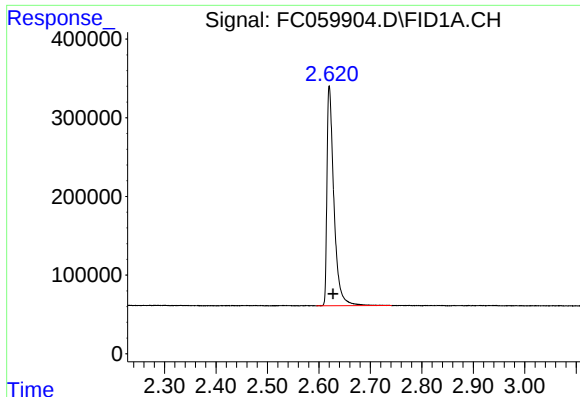
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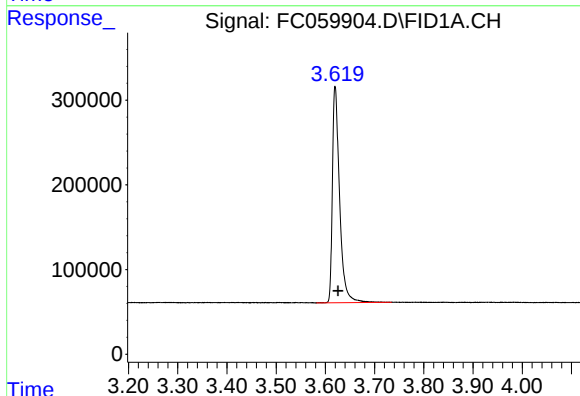
#1 n-Nonane (C9)

R.T.: 2.621 min
Delta R.T.: -0.007 min
Response: 2622462
Conc: 20.00 ug/ml

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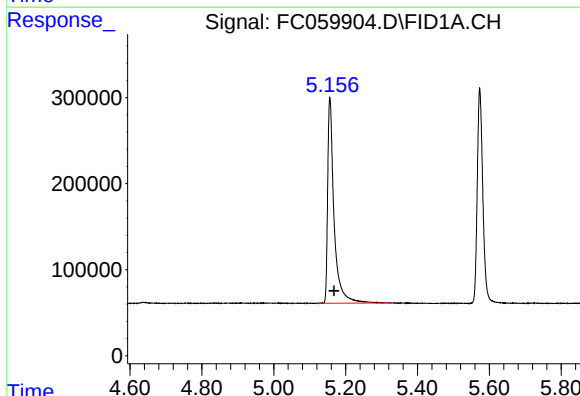
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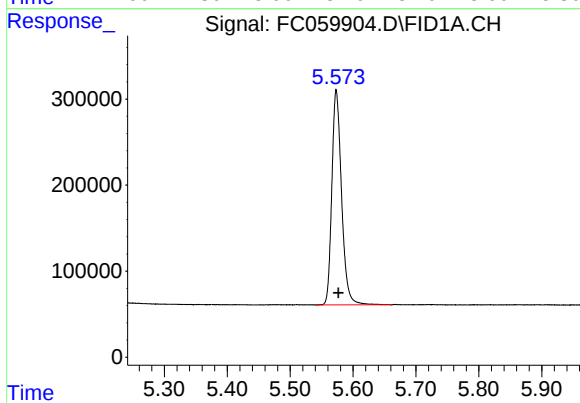
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 2603124
Conc: 20.07 ug/ml



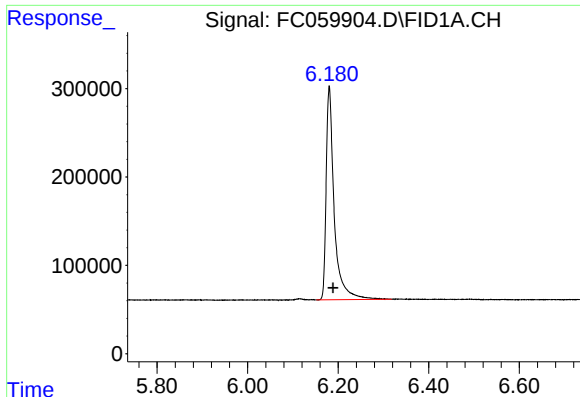
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 2968200
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 2682304
Conc: 19.99 ug/ml



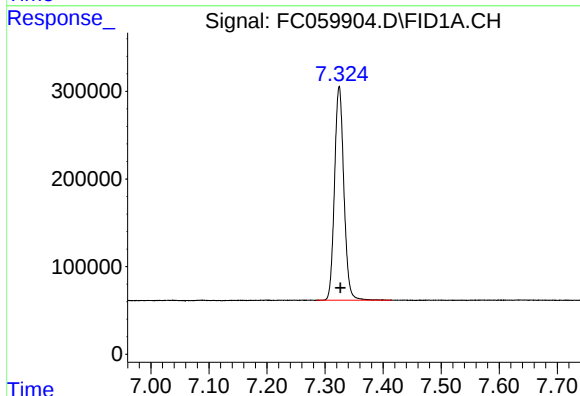
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.008 min
Response: 2984664
Conc: 19.88 ug/ml

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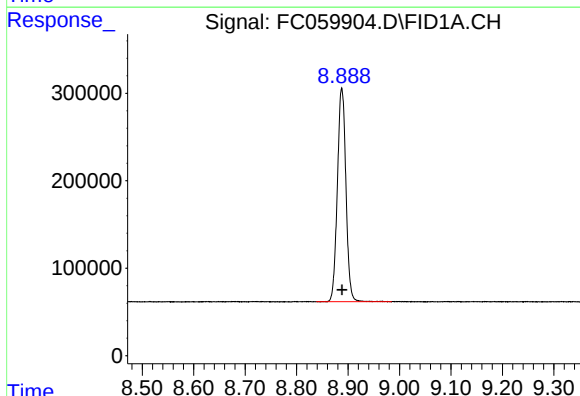
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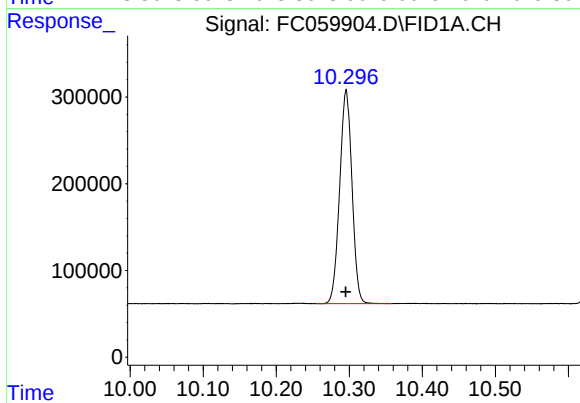
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 2731008
Conc: 20.01 ug/ml



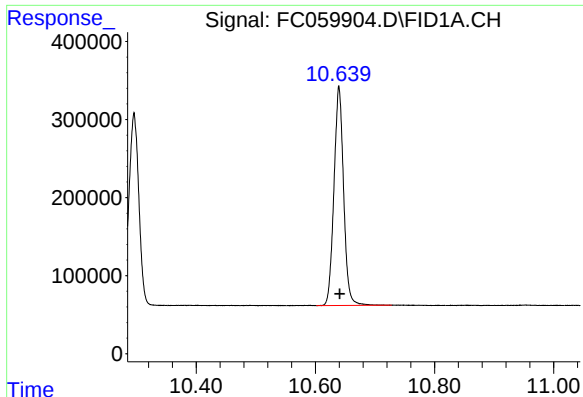
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 2818728
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 2891621
Conc: 20.09 ug/ml



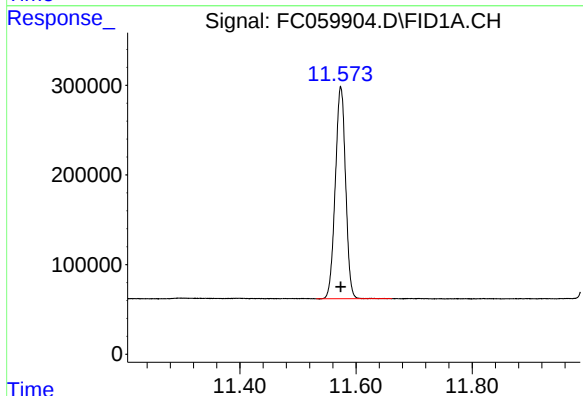
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 3154824
Conc: 20.05 ug/ml

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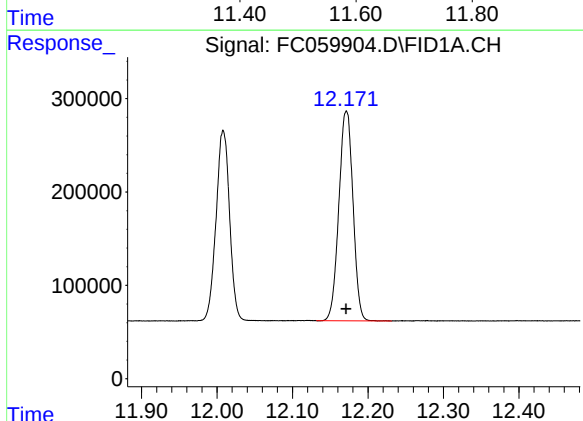
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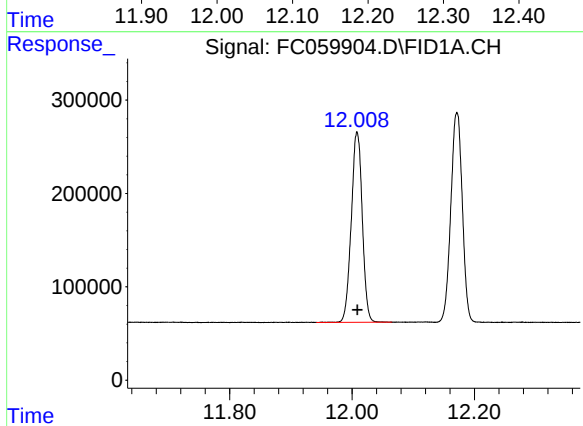
#10 n-Eicosane (C20)

R.T.: 11.574 min
Delta R.T.: 0.000 min
Response: 2913238
Conc: 20.17 ug/ml



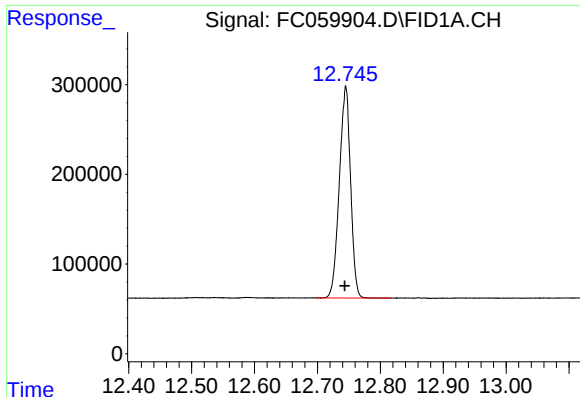
#11 n-Heneicosane (C21)

R.T.: 12.171 min
Delta R.T.: 0.000 min
Response: 2925324
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.008 min
Delta R.T.: 0.000 min
Response: 2545090
Conc: 20.17 ug/ml



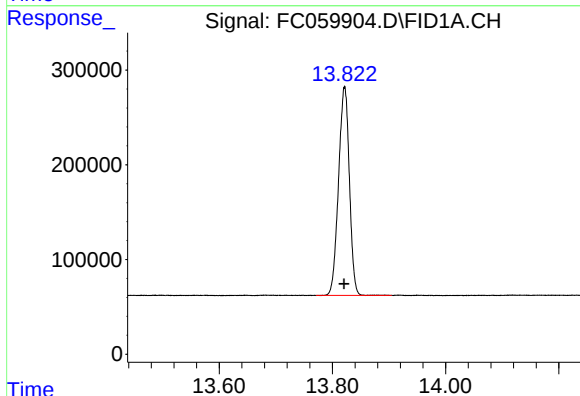
#13 n-Docosane (C22)

R.T.: 12.744 min
Delta R.T.: 0.000 min
Response: 2930495
Conc: 20.09 ug/ml

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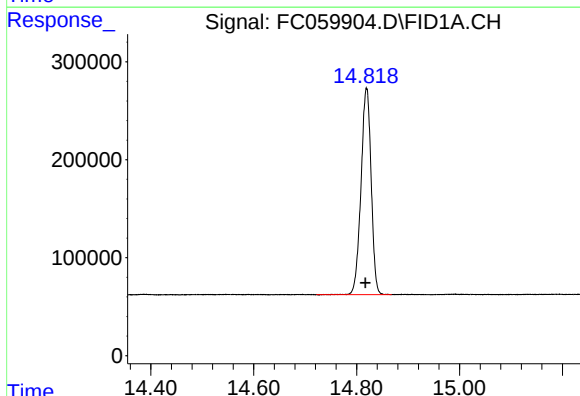
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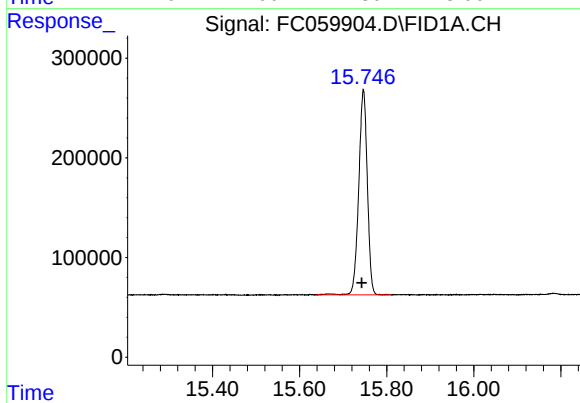
#14 n-Tetracosane (C24)

R.T.: 13.821 min
Delta R.T.: 0.000 min
Response: 2928053
Conc: 20.05 ug/ml



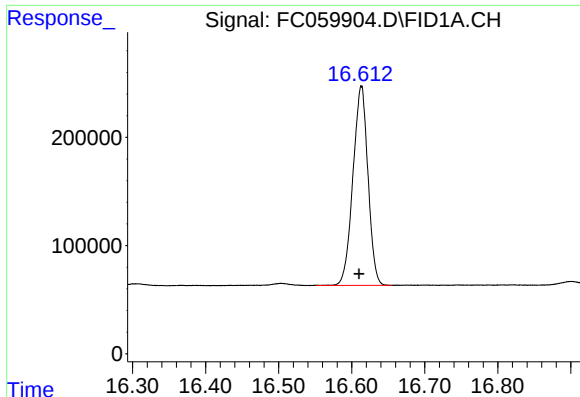
#15 n-Hexacosane (C26)

R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 2881234
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.746 min
Delta R.T.: 0.003 min
Response: 2808844
Conc: 20.04 ug/ml



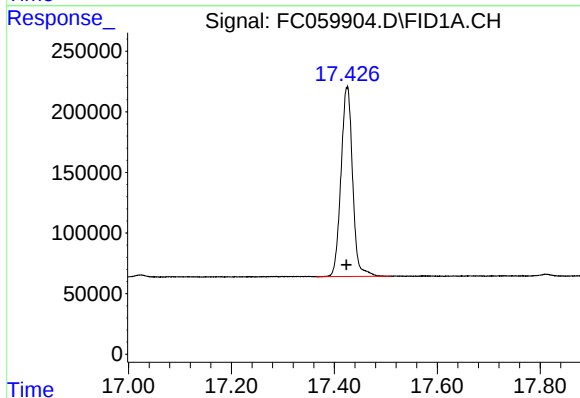
#17 n-Tricontane (C30)

R.T.: 16.613 min
Delta R.T.: 0.002 min
Response: 2631554
Conc: 19.70 ug/ml

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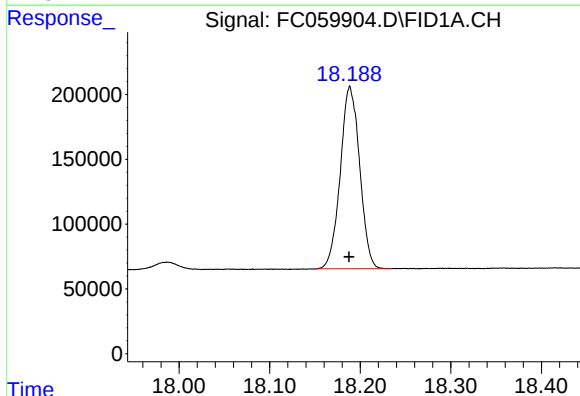
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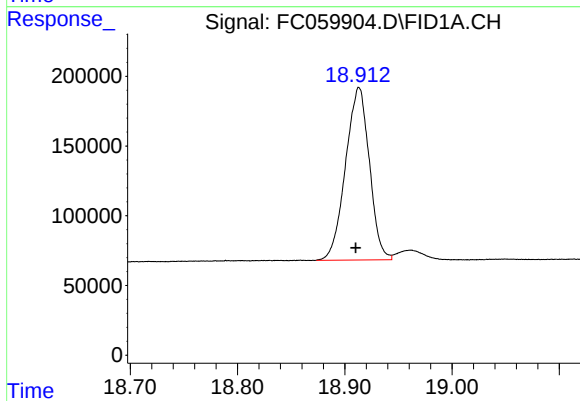
#18 n-Dotriacontane (C32)

R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 2443956
Conc: 20.05 ug/ml



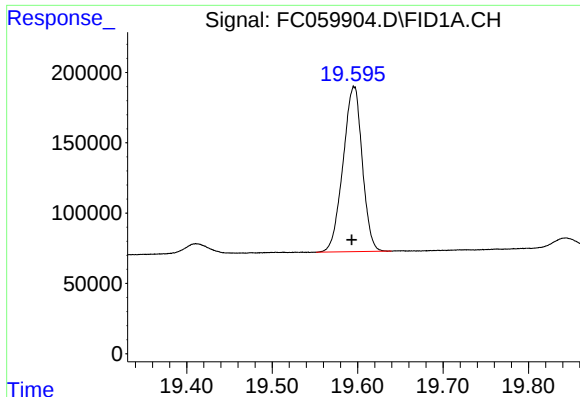
#19 n-Tetratriacontane (C34)

R.T.: 18.189 min
Delta R.T.: 0.001 min
Response: 2088594
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.912 min
Delta R.T.: 0.002 min
Response: 1909251
Conc: 19.87 ug/ml m



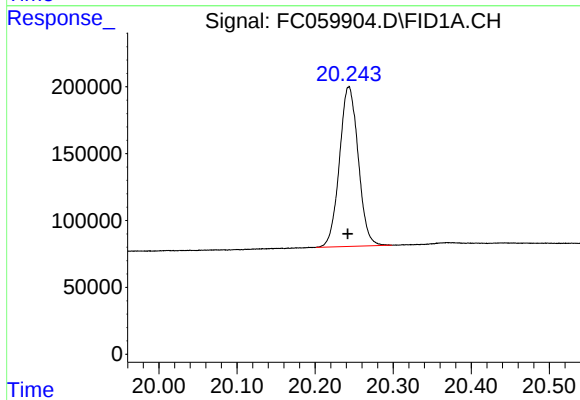
#21 n-Octatriacontane (C38)

R.T.: 19.595 min
Delta R.T.: 0.002 min
Response: 1833310
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.244 min
Delta R.T.: 0.002 min
Response: 1992397
Conc: 20.81 ug/ml