

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092622AL\
 Data File : FC061623.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2022 08:51
 Operator : YP/AJ
 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 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: sample.E
 Quant Time: Sep 27 09:32:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.572	3241140	18.966 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
12) S 1-chlorooctadecane (S...	13.010	2555826	18.709 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
Target Compounds			
1) T n-Nonane (C9)	3.335	2899626	19.425 ug/ml
2) T n-Decane (C10)	4.400	2919969	19.358 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3207170	19.340 ug/ml
4) T n-Dodecane (C12)	6.415	2909738	19.135 ug/ml
5) T A~2-methylnaphthalene...	7.037	3163152	19.229 ug/ml
6) T n-Tetradecane (C14)	8.212	2901793	19.033 ug/ml
7) T n-Hexadecane (C16)	9.814	2935075	18.982 ug/ml
8) T n-Octadecane (C18)	11.256	2991445	18.976 ug/ml
10) T n-Eicosane (C20)	12.567	2999641	18.824 ug/ml
11) T n-Heneicosane (C21)	13.177	3001247	18.707 ug/ml
13) T n-Docosane (C22)	13.764	2998878	18.666 ug/ml
14) T n-Tetracosane (C24)	14.866	2963133	18.497 ug/ml
15) T n-Hexacosane (C26)	15.887	2910938	18.362 ug/ml
16) T n-Octacosane (C28)	16.837	2856861	18.432 ug/ml
17) T n-Tricontane (C30)	17.725	2935625	19.076 ug/ml
18) T n-Dotriacontane (C32)	18.557	2908220	19.234 ug/ml
19) T n-Tetratriacontane (C34)	19.340	2650795	18.695 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2538308	18.386 ug/ml
21) T n-Octatriacontane (C38)	20.812	2377853	18.361 ug/ml
22) T n-Tetracontane (C40)	21.721	2184080	17.872 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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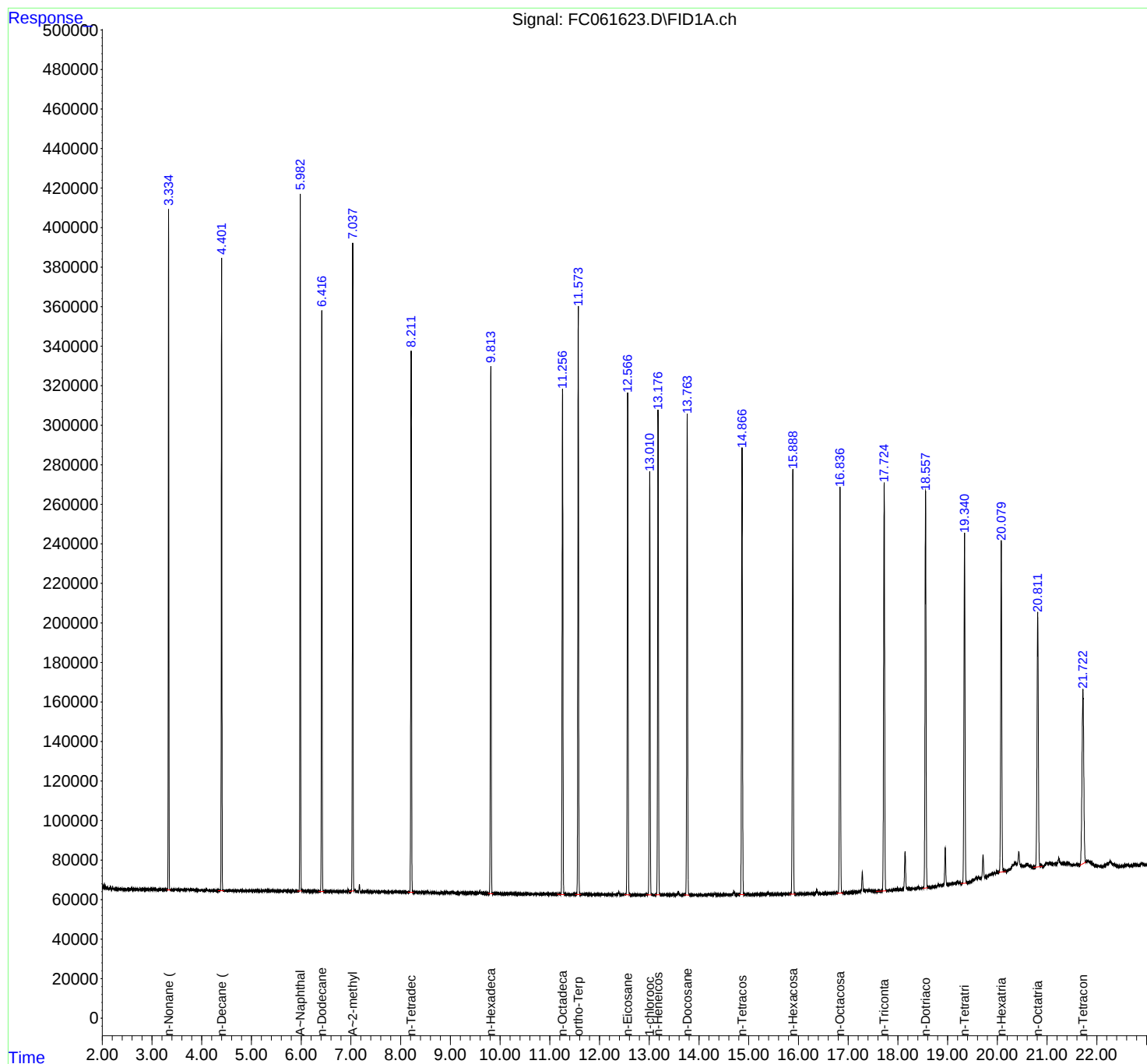
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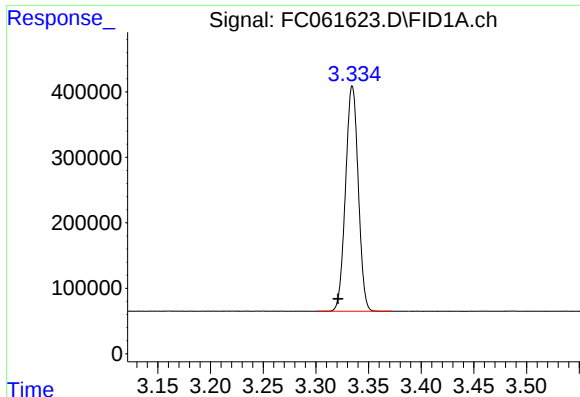
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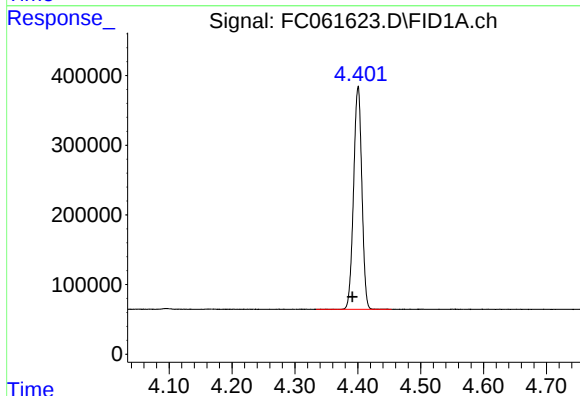
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.014 min
Response: 2899626
Conc: 19.43 ug/ml

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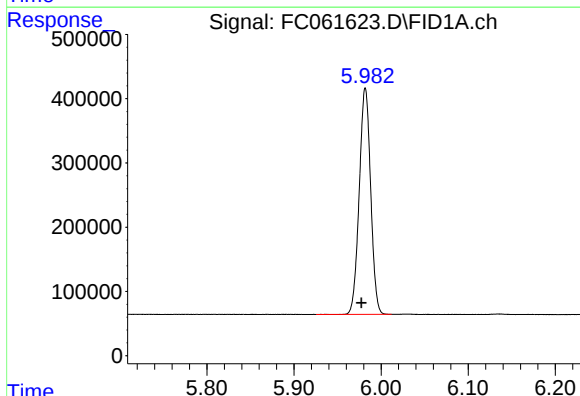
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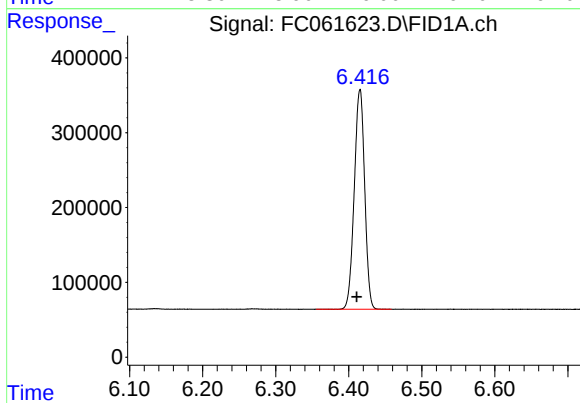
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: 0.009 min
Response: 2919969
Conc: 19.36 ug/ml



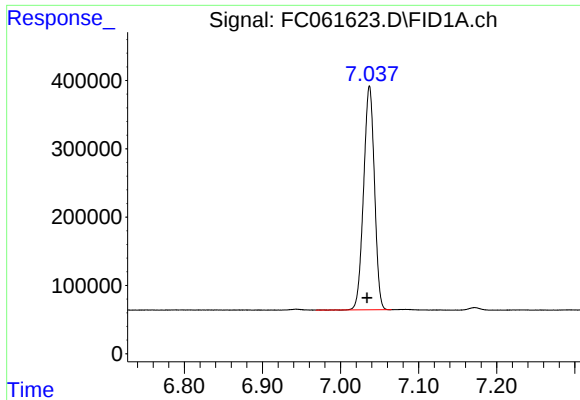
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 3207170
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 2909738
Conc: 19.14 ug/ml



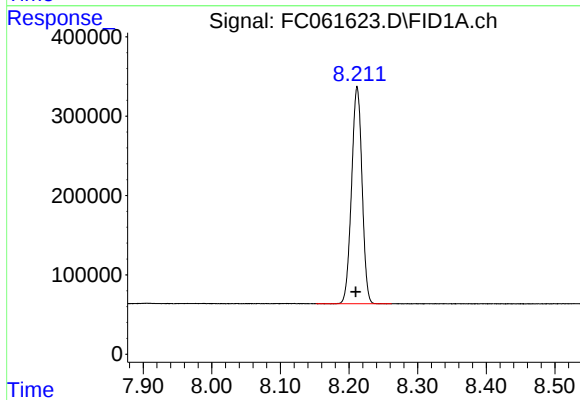
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: 0.003 min
Response: 3163152
Conc: 19.23 ug/ml

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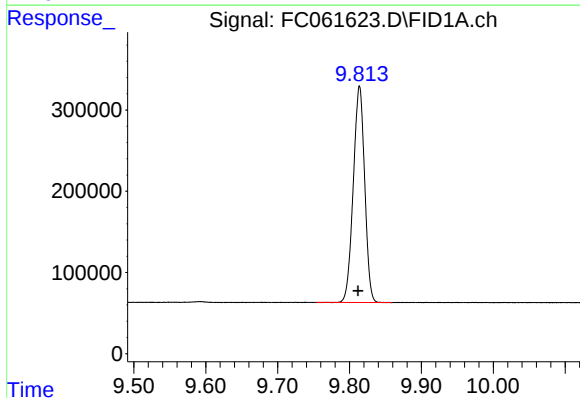
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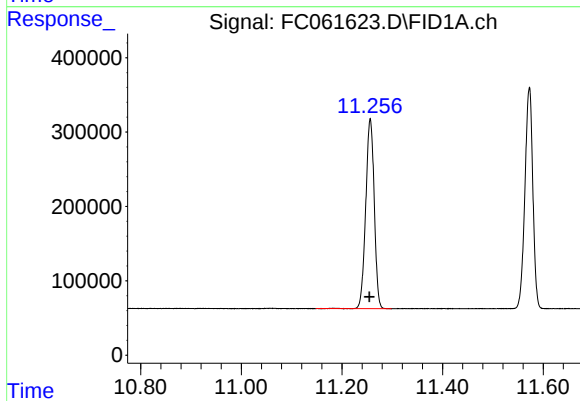
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 2901793
Conc: 19.03 ug/ml



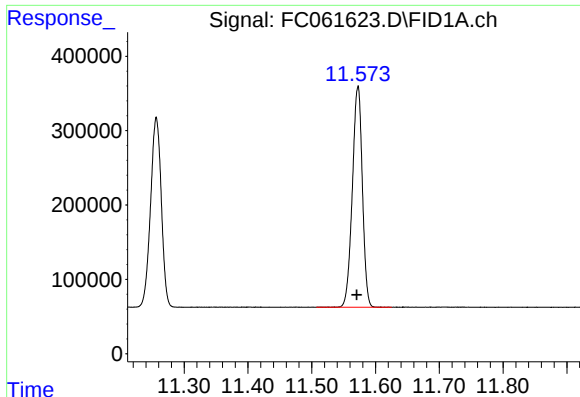
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.002 min
Response: 2935075
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.002 min
Response: 2991445
Conc: 18.98 ug/ml



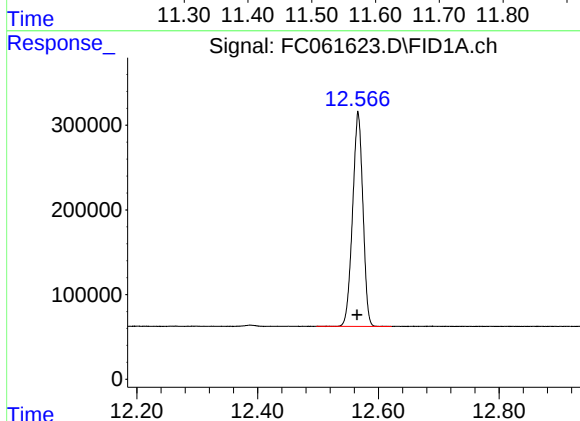
#9 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.002 min
Response: 3241140
Conc: 18.97 ug/ml

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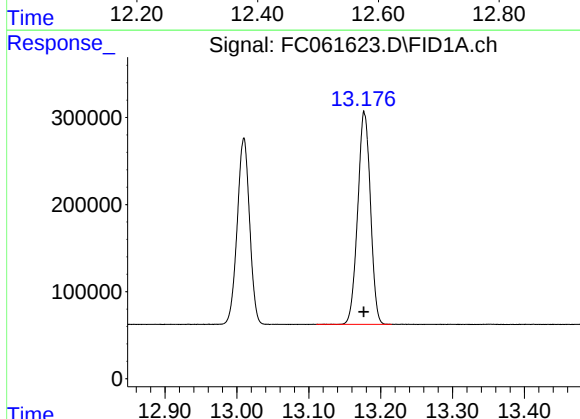
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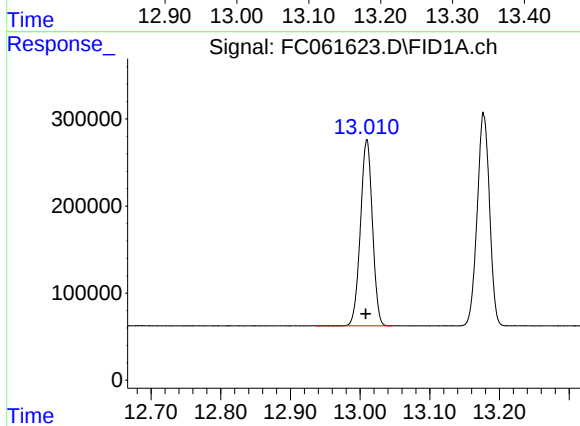
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.002 min
Response: 2999641
Conc: 18.82 ug/ml



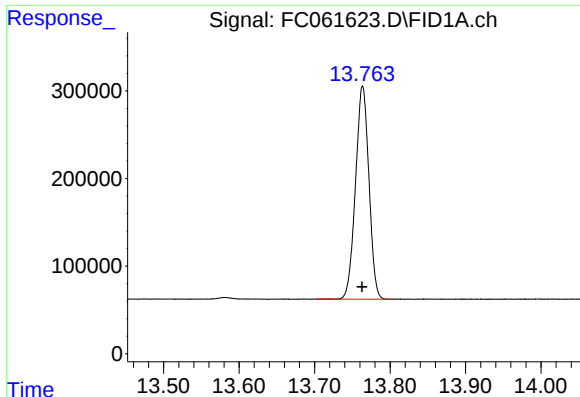
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: 0.000 min
Response: 3001247
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: 0.001 min
Response: 2555826
Conc: 18.71 ug/ml



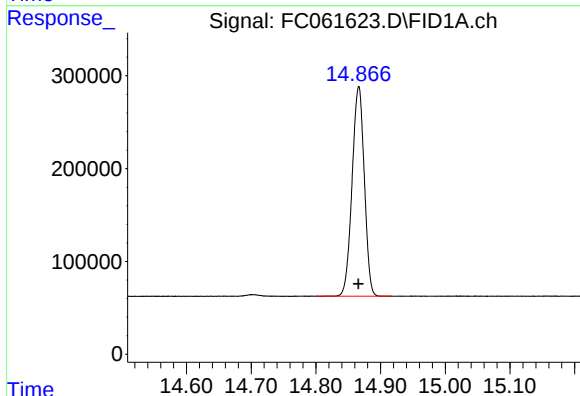
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 2998878
Conc: 18.67 ug/ml

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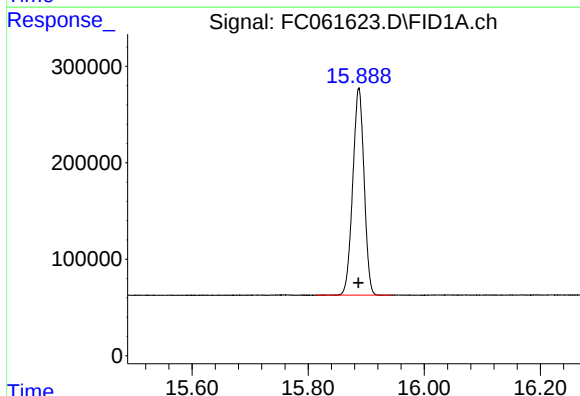
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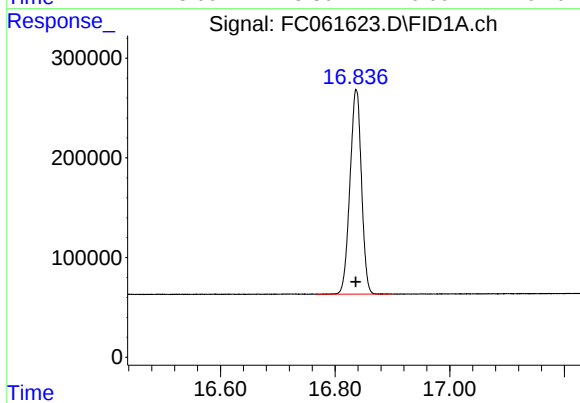
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 2963133
Conc: 18.50 ug/ml



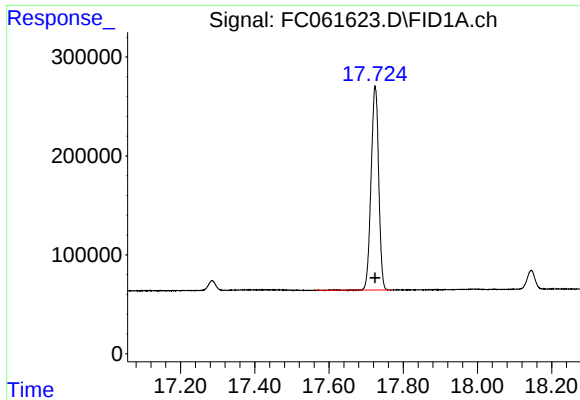
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 2910938
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2856861
Conc: 18.43 ug/ml



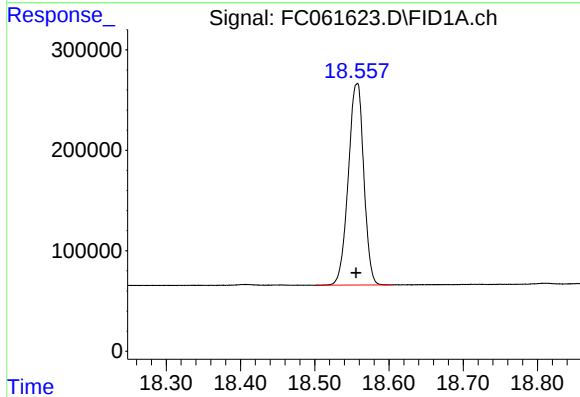
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.000 min
Response: 2935625
Conc: 19.08 ug/ml

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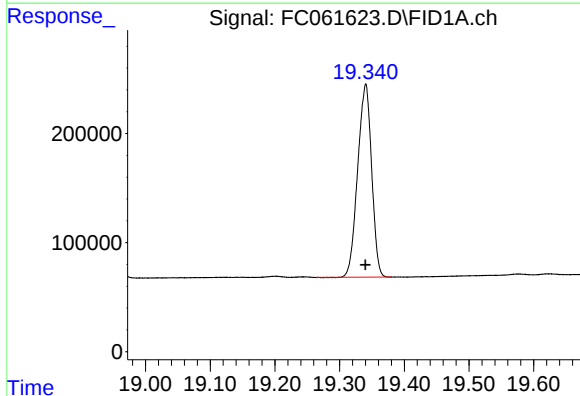
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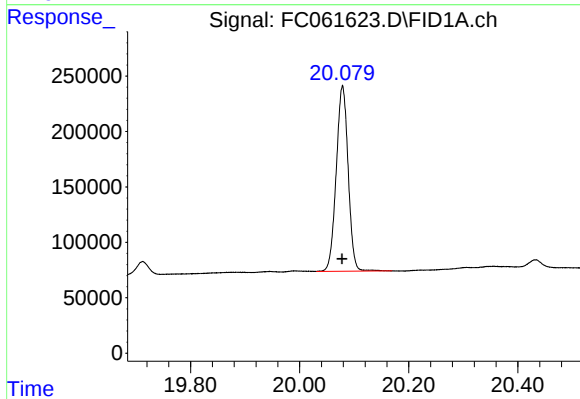
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.000 min
Response: 2908220
Conc: 19.23 ug/ml



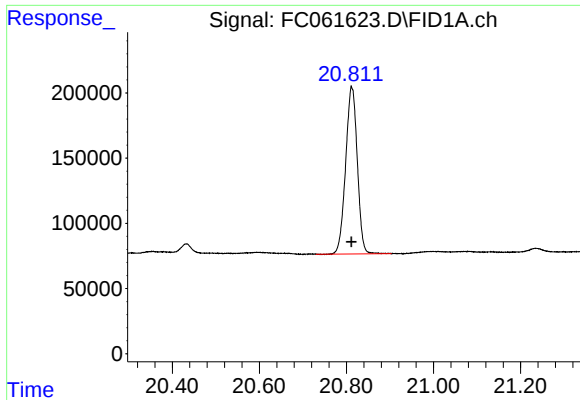
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.000 min
Response: 2650795
Conc: 18.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.000 min
Response: 2538308
Conc: 18.39 ug/ml



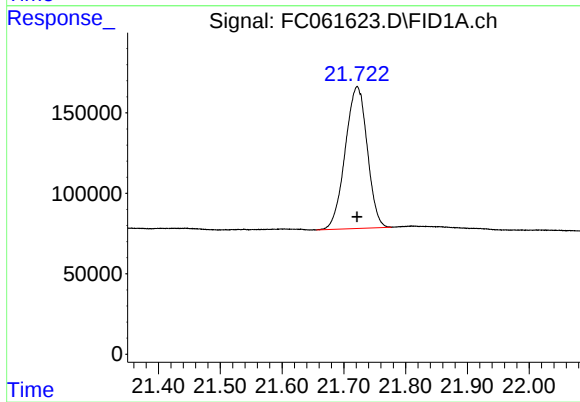
#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 2377853
Conc: 18.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: 0.000 min
Response: 2184080
Conc: 17.87 ug/ml m