

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082522AL\
 Data File : FC061306.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2022 21:57
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: sample.E
 Quant Time: Aug 26 03:15:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.636	3175572	17.938 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
12) S 1-chlorooctadecane (S...	13.067	2524328	18.024 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
Target Compounds			
1) T n-Nonane (C9)	3.403	2885940	19.088 ug/ml
2) T n-Decane (C10)	4.472	2890080	19.047 ug/ml
3) T A~Naphthalene (C11.7)	6.058	3244798	18.745 ug/ml
4) T n-Dodecane (C12)	6.485	2911529	18.799 ug/ml
5) T A~2-methylnaphthalene...	7.111	3260735	18.518 ug/ml
6) T n-Tetradecane (C14)	8.278	2910126	18.605 ug/ml
7) T n-Hexadecane (C16)	9.877	2896726	18.494 ug/ml
8) T n-Octadecane (C18)	11.316	2900807	18.387 ug/ml
10) T n-Eicosane (C20)	12.622	2833342	18.226 ug/ml
11) T n-Heneicosane (C21)	13.234	2815139	17.998 ug/ml
13) T n-Docosane (C22)	13.819	2803591	18.067 ug/ml
14) T n-Tetracosane (C24)	14.919	2814944	18.196 ug/ml
15) T n-Hexacosane (C26)	15.938	2716634	18.050 ug/ml
16) T n-Octacosane (C28)	16.886	2672529	18.094 ug/ml
17) T n-Tricontane (C30)	17.770	2548955	18.455 ug/ml
18) T n-Dotriacontane (C32)	18.603	2098061	19.114 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1522959	19.731 ug/ml
20) T n-Hexatriacontane (C36)	20.120	1163896	20.615 ug/ml
21) T n-Octatriacontane (C38)	20.861	979740	21.119 ug/mlm
22) T n-Tetracontane (C40)	21.789	908284	21.655 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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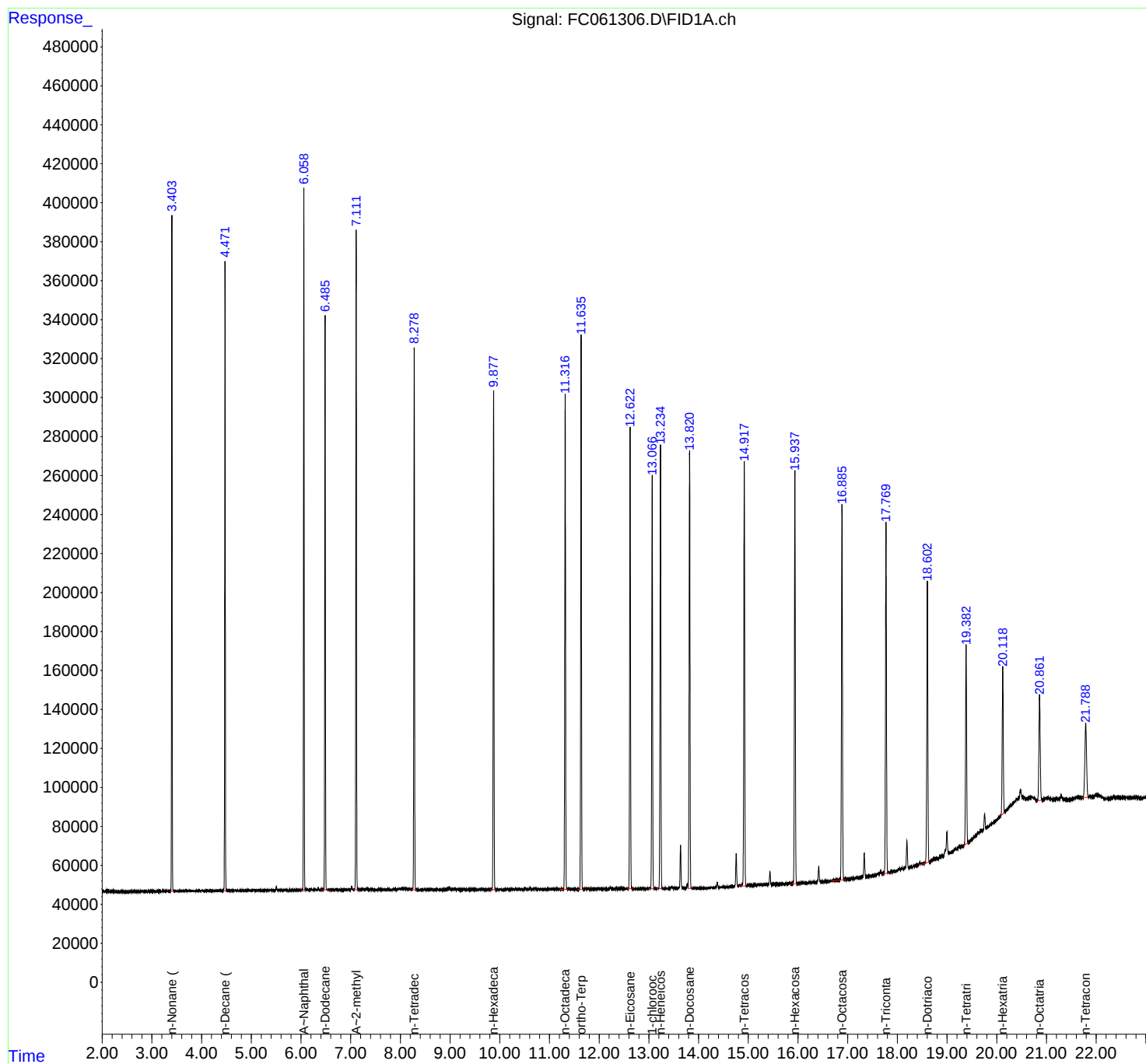
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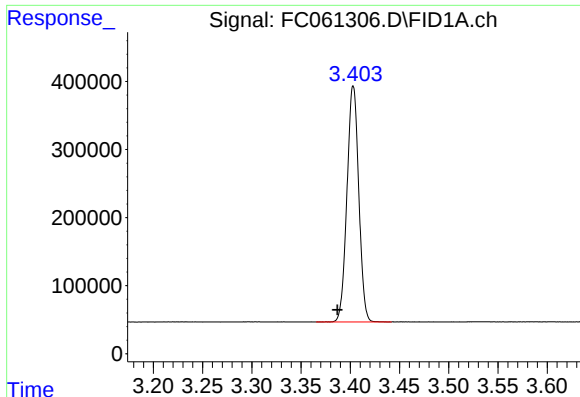
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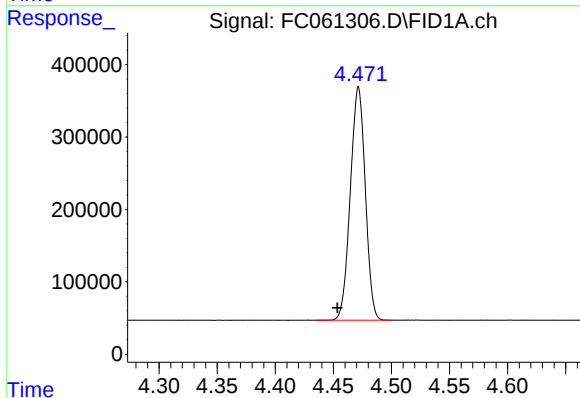
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: 0.016 min
Response: 2885940
Conc: 19.09 ug/ml

Instrument :
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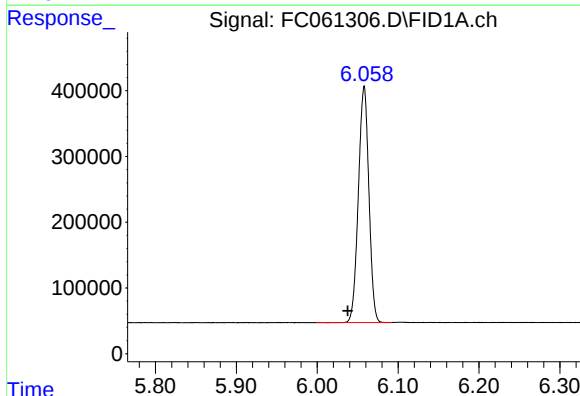
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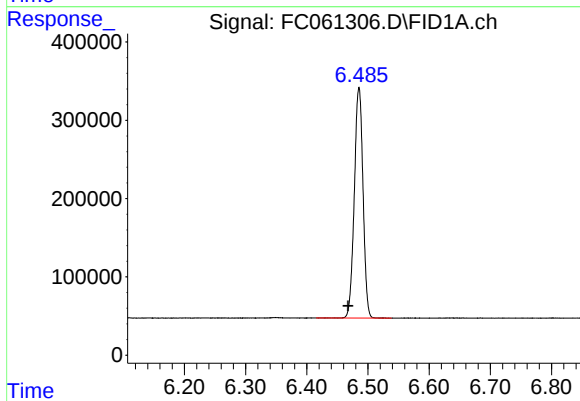
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.018 min
Response: 2890080
Conc: 19.05 ug/ml



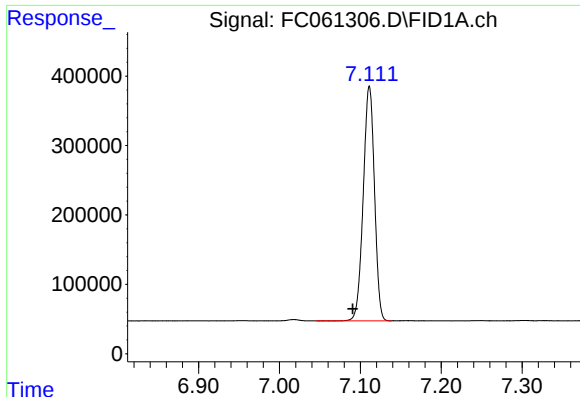
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: 0.020 min
Response: 3244798
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: 0.018 min
Response: 2911529
Conc: 18.80 ug/ml



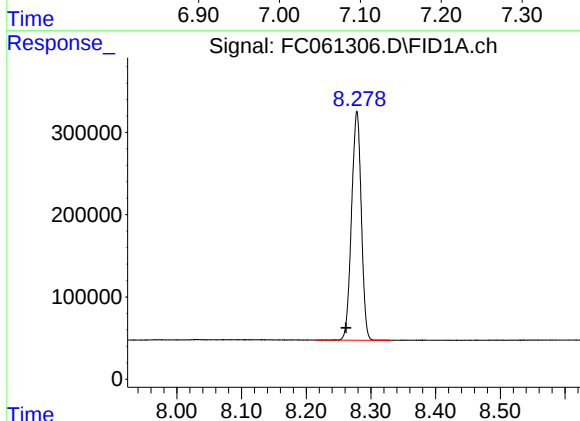
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: 0.021 min
Response: 3260735
Conc: 18.52 ug/ml

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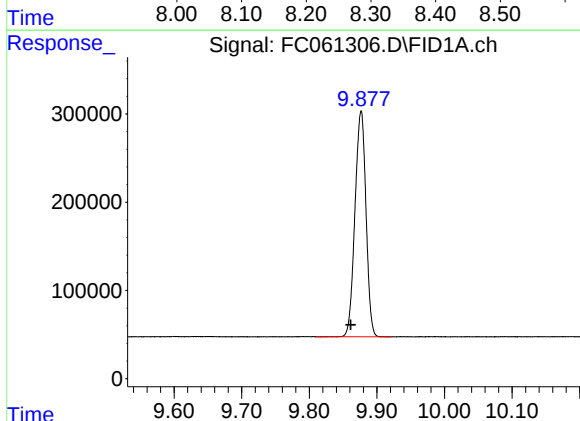
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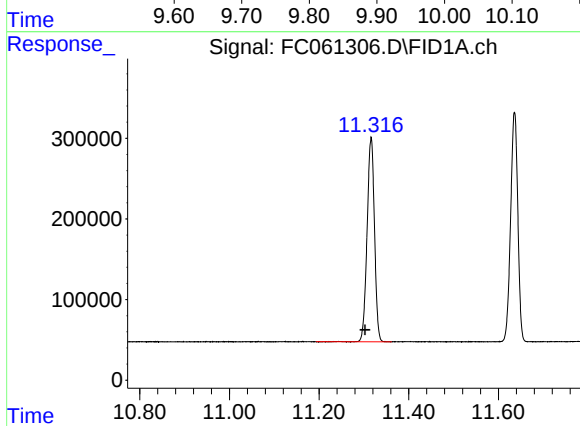
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.017 min
Response: 2910126
Conc: 18.61 ug/ml



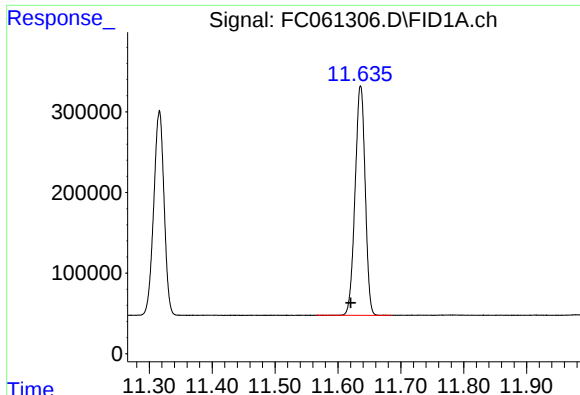
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: 0.015 min
Response: 2896726
Conc: 18.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: 0.014 min
Response: 2900807
Conc: 18.39 ug/ml



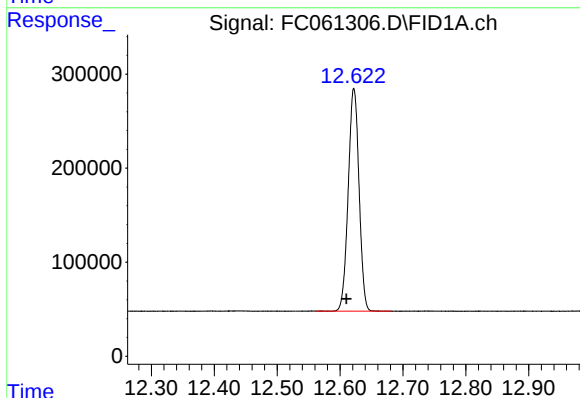
#9 ortho-Terphenyl (SURR)

R.T.: 11.636 min
Delta R.T.: 0.015 min
Response: 3175572
Conc: 17.94 ug/ml

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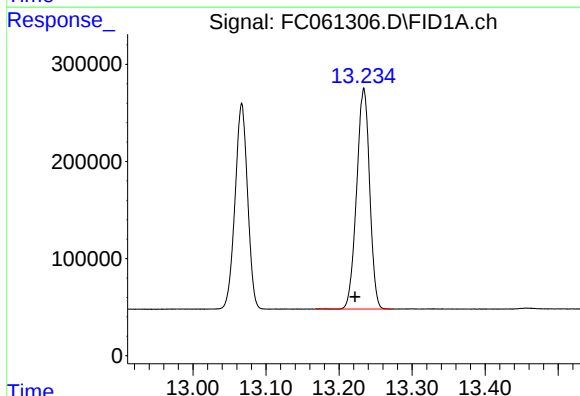
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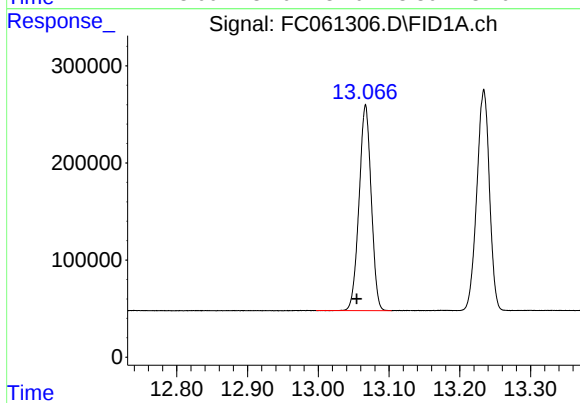
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: 0.012 min
Response: 2833342
Conc: 18.23 ug/ml



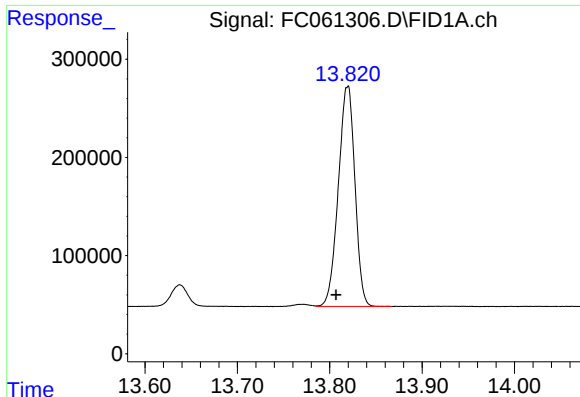
#11 n-Heneicosane (C21)

R.T.: 13.234 min
Delta R.T.: 0.012 min
Response: 2815139
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: 0.013 min
Response: 2524328
Conc: 18.02 ug/ml



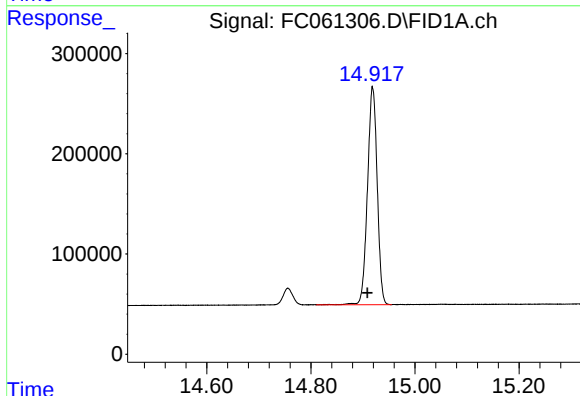
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: 0.012 min
Response: 2803591
Conc: 18.07 ug/ml

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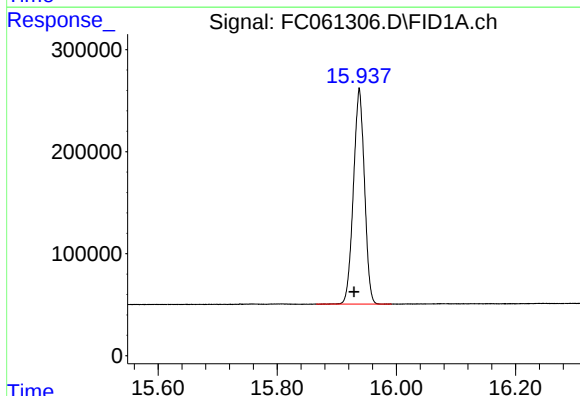
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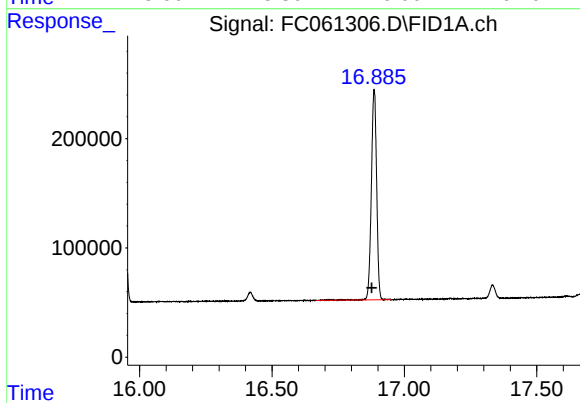
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: 0.010 min
Response: 2814944
Conc: 18.20 ug/ml



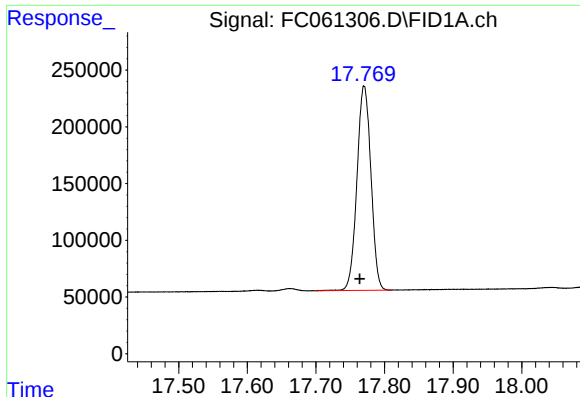
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: 0.009 min
Response: 2716634
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.886 min
Delta R.T.: 0.009 min
Response: 2672529
Conc: 18.09 ug/ml



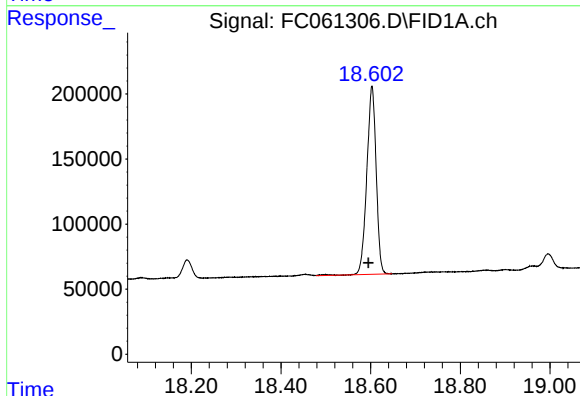
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: 0.006 min
Response: 2548955
Conc: 18.45 ug/ml

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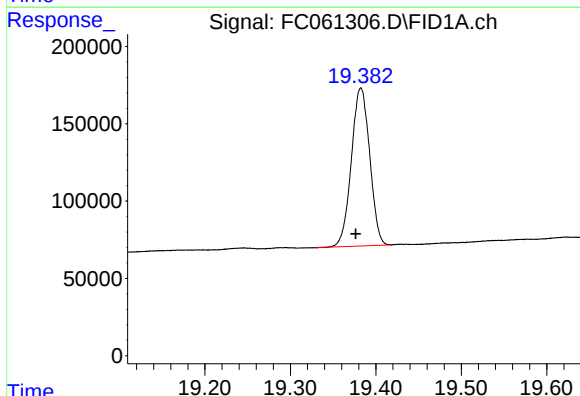
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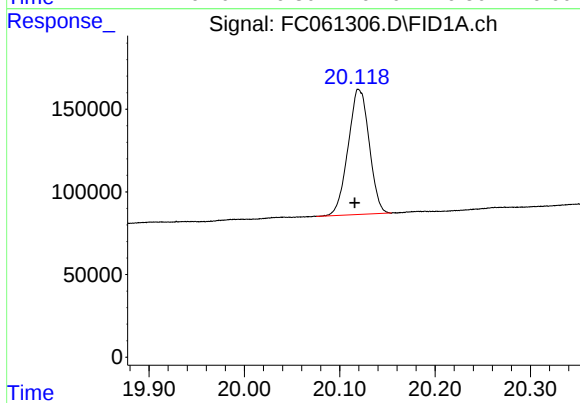
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: 0.008 min
Response: 2098061
Conc: 19.11 ug/ml



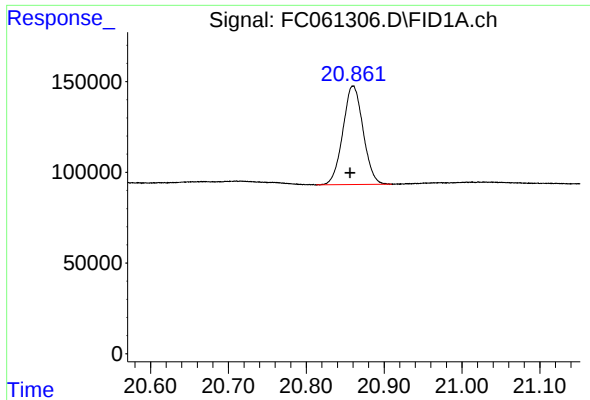
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: 0.006 min
Response: 1522959
Conc: 19.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: 0.005 min
Response: 1163896
Conc: 20.62 ug/ml



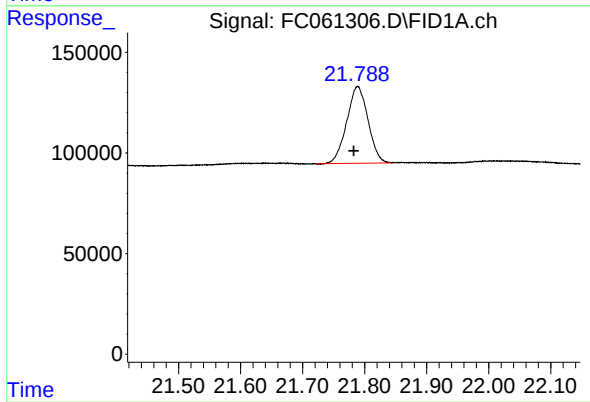
#21 n-Octatriacontane (C38)

R.T.: 20.861 min
Delta R.T.: 0.005 min
Response: 979740
Conc: 21.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: 0.006 min
Response: 908284
Conc: 21.65 ug/ml