

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081822AL\
 Data File : FC061190.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2022 09:37
 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

Integration File: autoint1.e
 Quant Time: Aug 18 13:00:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

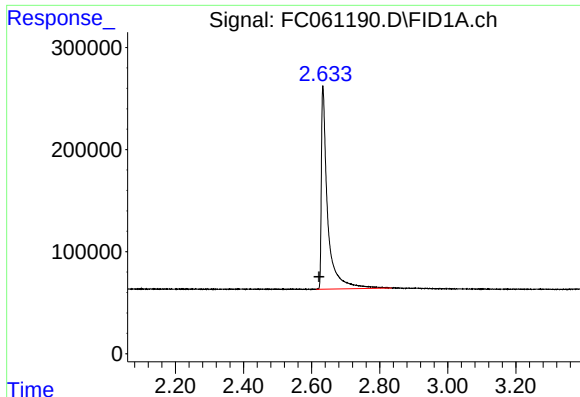
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.633	2916404	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	11.994	2347911	17.686 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T n-Nonane (C9)	2.634	2571434	18.258 ug/ml
2) T n-Decane (C10)	3.628	2670391	18.930 ug/ml
3) T A~Naphthalene (C11.7)	5.185	2931842	20.626 ug/ml
4) T n-Dodecane (C12)	5.571	2942765	19.855 ug/ml
5) T A~2-methylnaphthalene...	6.212	2809630	20.486 ug/ml
6) T n-Tetradecane (C14)	7.318	2848746	18.975 ug/ml
7) T n-Hexadecane (C16)	8.876	2881412	18.828 ug/ml
8) T n-Octadecane (C18)	10.280	2898870	18.564 ug/ml
10) T n-Eicosane (C20)	11.557	2847197	18.143 ug/ml
11) T n-Heneicosane (C21)	12.154	2817751	18.008 ug/ml
13) T n-Docosane (C22)	12.725	2774627	17.796 ug/ml
14) T n-Tetracosane (C24)	13.800	2659925	17.423 ug/ml
15) T n-Hexacosane (C26)	14.795	2539675	17.014 ug/ml
16) T n-Octacosane (C28)	15.720	2492668	17.396 ug/ml
17) T n-Tricontane (C30)	16.586	2631552	18.797 ug/ml
18) T n-Dotriacontane (C32)	17.396	2725419	20.194 ug/ml
19) T n-Tetratriacontane (C34)	18.159	2643591	21.078 ug/ml
20) T n-Hexatriacontane (C36)	18.880	2644722	21.636 ug/ml
21) T n-Octatriacontane (C38)	19.561	2541418	21.533 ug/ml
22) T n-Tetracontane (C40)	20.206	2500361	21.724 ug/ml

(f)=RT Delta > 1/2 Window

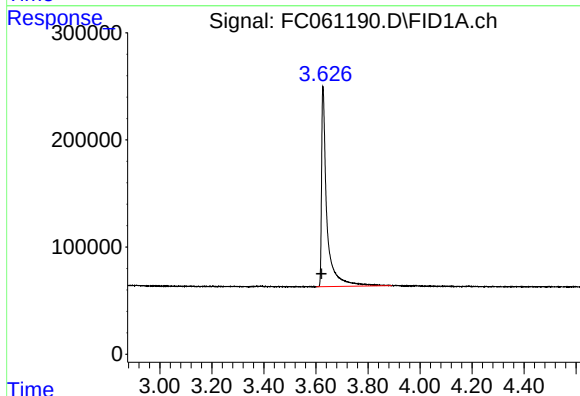
(m)=manual int.



#1 n-Nonane (C9)

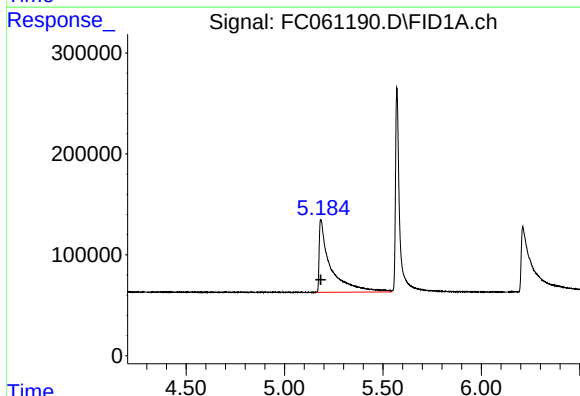
R.T.: 2.634 min
Delta R.T.: 0.012 min
Response: 2571434
Conc: 18.26 ug/ml

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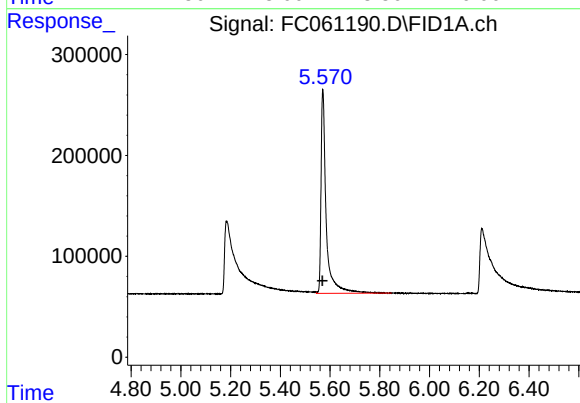
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.007 min
Response: 2670391
Conc: 18.93 ug/ml



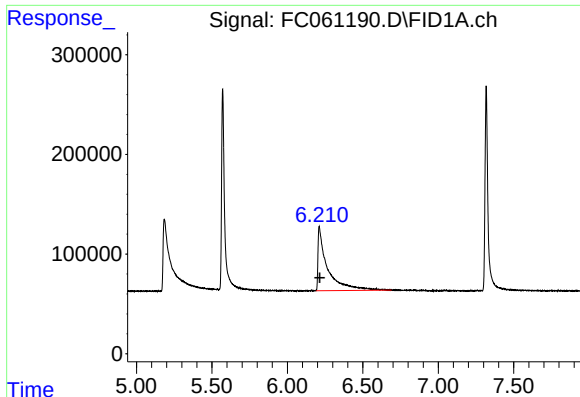
#3 A~Naphthalene (C11.7)

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 2931842
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

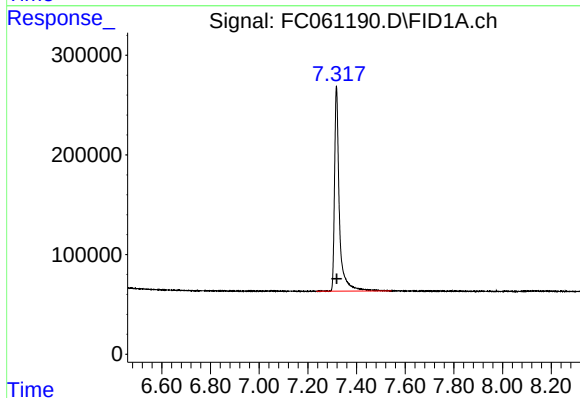
R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 2942765
Conc: 19.85 ug/ml



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

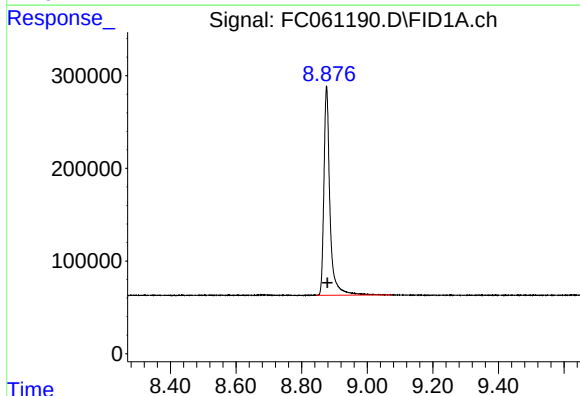
R.T.: 6.212 min
Delta R.T.: -0.003 min
Response: 2809630
Conc: 20.49 ug/ml

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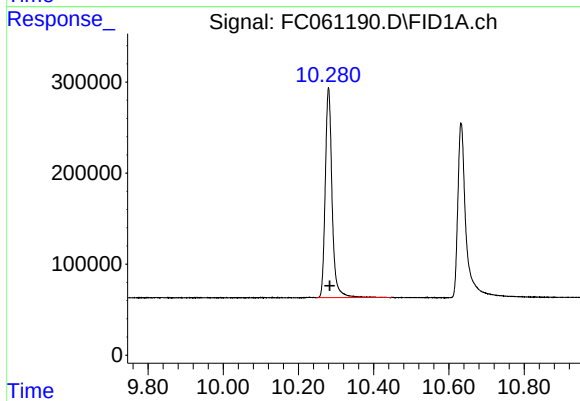
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 2848746
Conc: 18.97 ug/ml



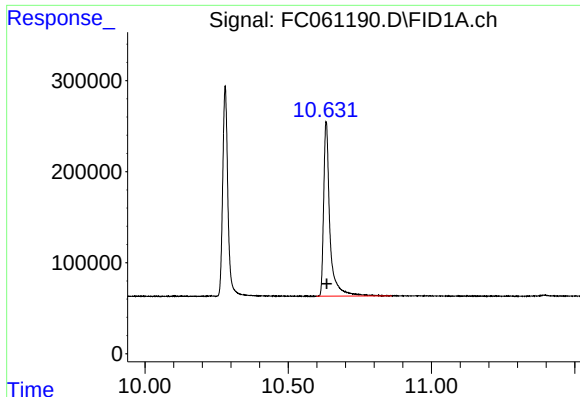
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 2881412
Conc: 18.83 ug/ml



#8 n-Octadecane (C18)

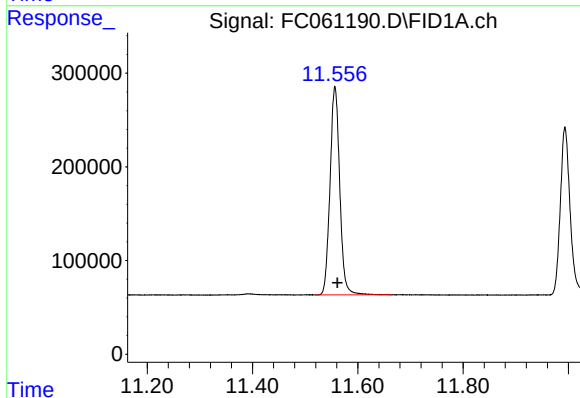
R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2898870
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

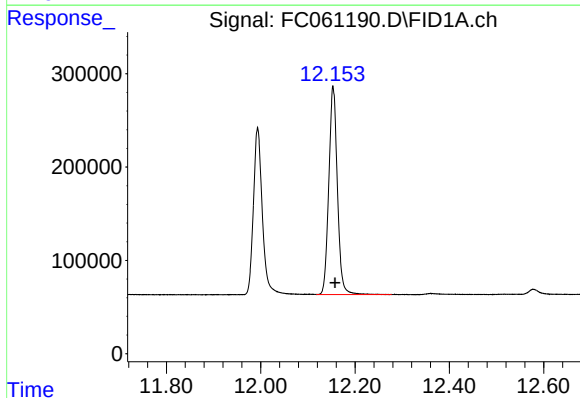
R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 2916404
Conc: 17.77 ug/ml

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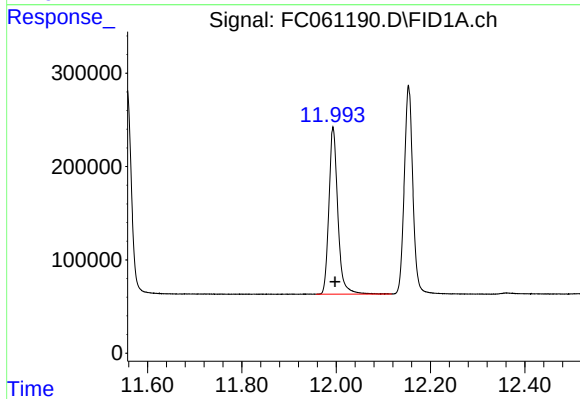
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2847197
Conc: 18.14 ug/ml



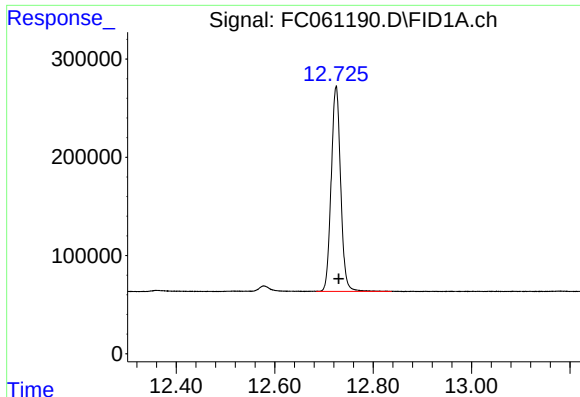
#11 n-Heneicosane (C21)

R.T.: 12.154 min
Delta R.T.: -0.004 min
Response: 2817751
Conc: 18.01 ug/ml



#12 1-chlorooctadecane (SURR)

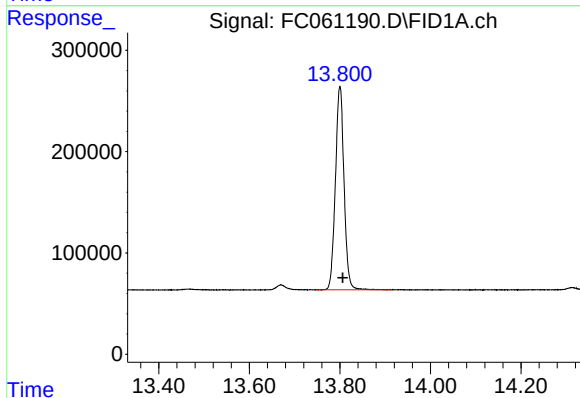
R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2347911
Conc: 17.69 ug/ml



#13 n-Docosane (C22)

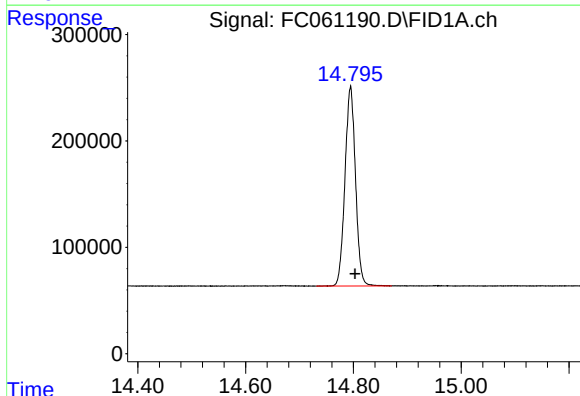
R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2774627
Conc: 17.80 ug/ml

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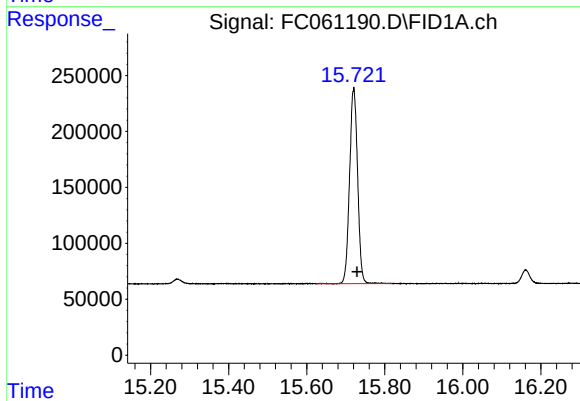
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.007 min
Response: 2659925
Conc: 17.42 ug/ml



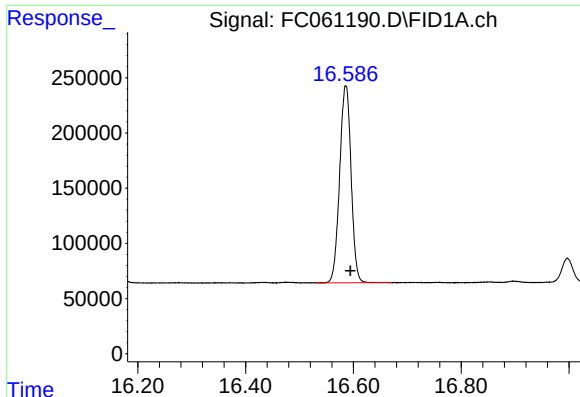
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2539675
Conc: 17.01 ug/ml



#16 n-Octacosane (C28)

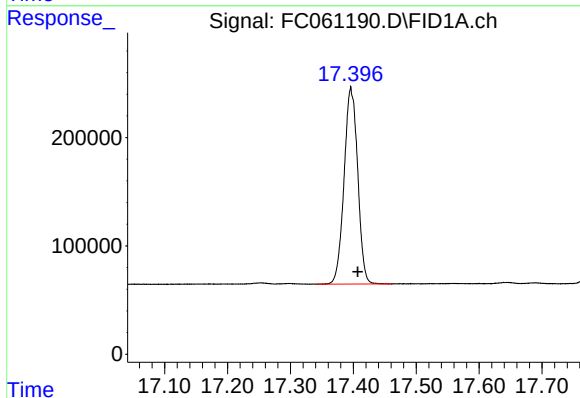
R.T.: 15.720 min
Delta R.T.: -0.008 min
Response: 2492668
Conc: 17.40 ug/ml



#17 n-Tricontane (C30)

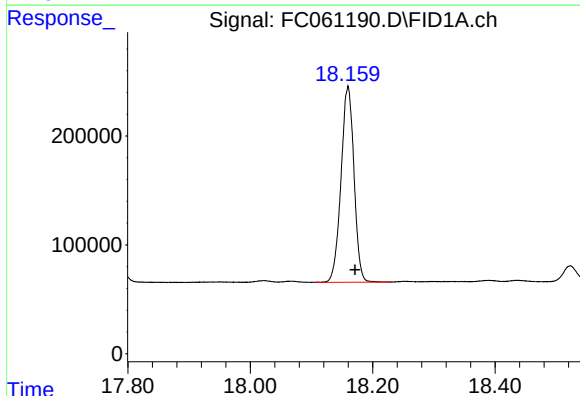
R.T.: 16.586 min
Delta R.T.: -0.009 min
Response: 2631552
Conc: 18.80 ug/ml

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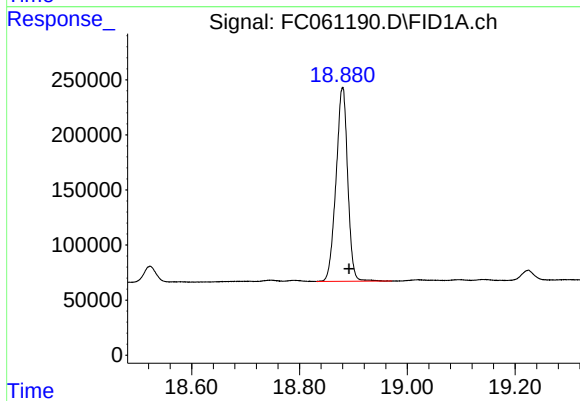
#18 n-Dotriacontane (C32)

R.T.: 17.396 min
Delta R.T.: -0.011 min
Response: 2725419
Conc: 20.19 ug/ml



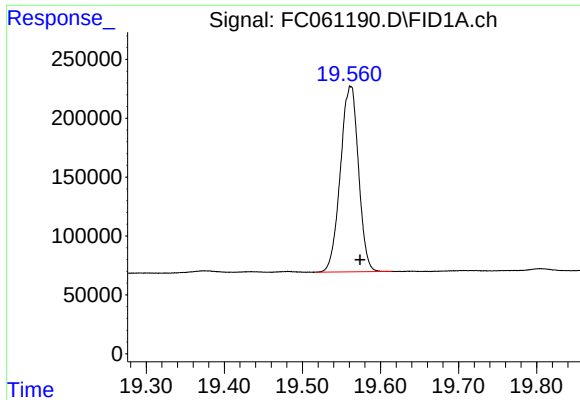
#19 n-Tetratriacontane (C34)

R.T.: 18.159 min
Delta R.T.: -0.011 min
Response: 2643591
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

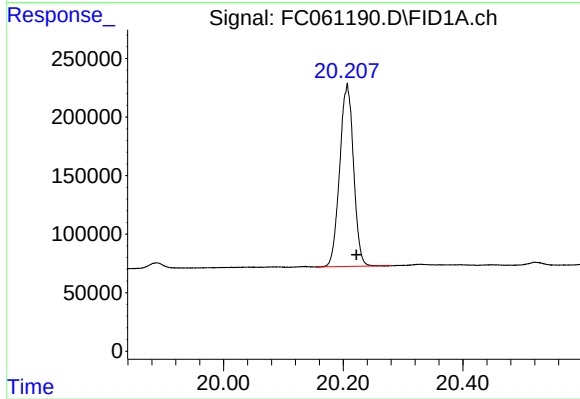
R.T.: 18.880 min
Delta R.T.: -0.012 min
Response: 2644722
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.561 min
Delta R.T.: -0.012 min
Response: 2541418
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.206 min
Delta R.T.: -0.016 min
Response: 2500361
Conc: 21.72 ug/ml