

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072822AL\
 Data File : FD043394.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2022 12:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 28 23:35:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

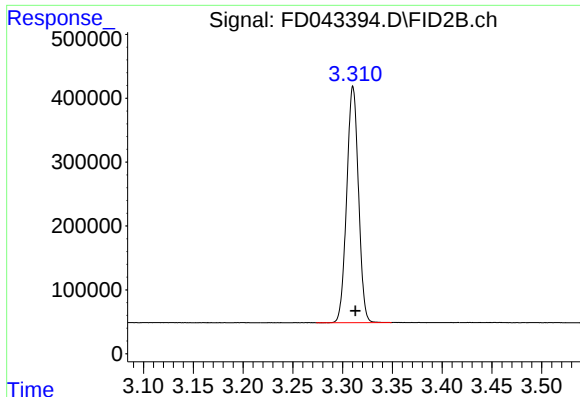
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.531	3208924	20.272 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	12.966	2476935	20.210 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.310	3037750	21.672 ug/ml
2) T n-Decane (C10)	4.375	3057085	21.742 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3284461	21.616 ug/ml
4) T n-Dodecane (C12)	6.390	3062806	21.519 ug/ml
5) T A~2-methylnaphthalene...	7.009	3238495	21.644 ug/ml
6) T n-Tetradecane (C14)	8.182	3029211	21.355 ug/ml
7) T n-Hexadecane (C16)	9.779	3024045	21.322 ug/ml
8) T n-Octadecane (C18)	11.218	3022338	21.137 ug/ml
10) T n-Eicosane (C20)	12.524	2975066	20.547 ug/ml
11) T n-Heneicosane (C21)	13.134	2933398	20.196 ug/ml
13) T n-Docosane (C22)	13.719	2928034	20.183 ug/ml
14) T n-Tetracosane (C24)	14.819	2871620	19.822 ug/ml
15) T n-Hexacosane (C26)	15.837	2805879	19.507 ug/ml
16) T n-Octacosane (C28)	16.784	2766110	19.554 ug/ml
17) T n-Tricontane (C30)	17.669	2766356	19.599 ug/ml
18) T n-Dotriacontane (C32)	18.498	2752349	19.903 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2590838	20.133 ug/ml
20) T n-Hexatriacontane (C36)	20.016	2521234	20.440 ug/ml
21) T n-Octatriacontane (C38)	20.738	2588315	21.889 ug/ml
22) T n-Tetracontane (C40)	21.616	2505654	22.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

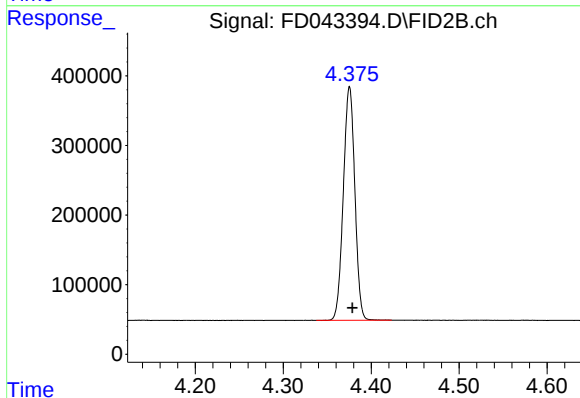
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Misc      :
ALS Vial  : 53   Sample Multiplier: 1
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#1 n-Nonane (C9)

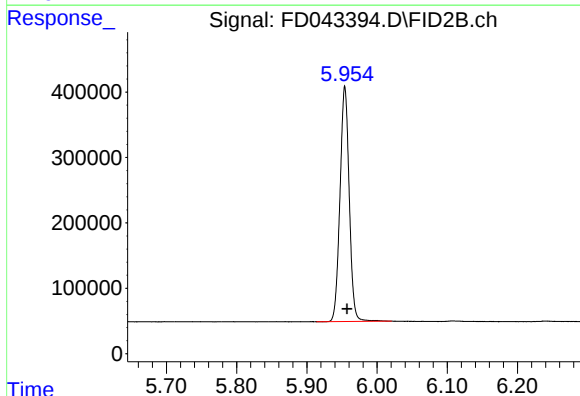
R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 3037750
Conc: 21.67 ug/ml

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20 PPM ALIPHATIC HC STD



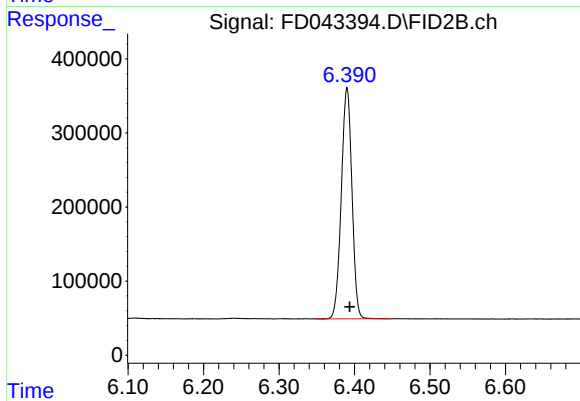
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 3057085
Conc: 21.74 ug/ml



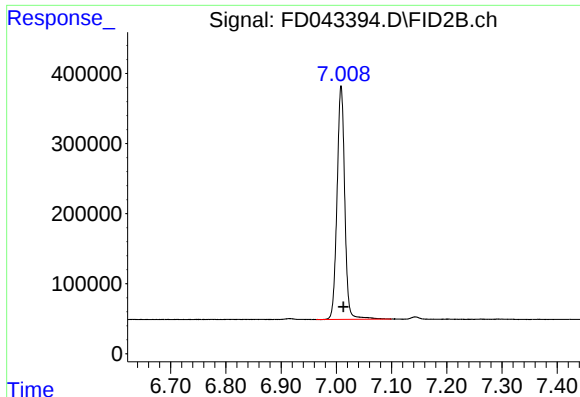
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 3284461
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

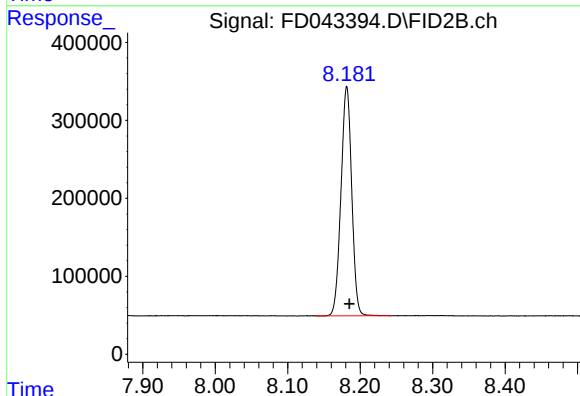
R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 3062806
Conc: 21.52 ug/ml



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

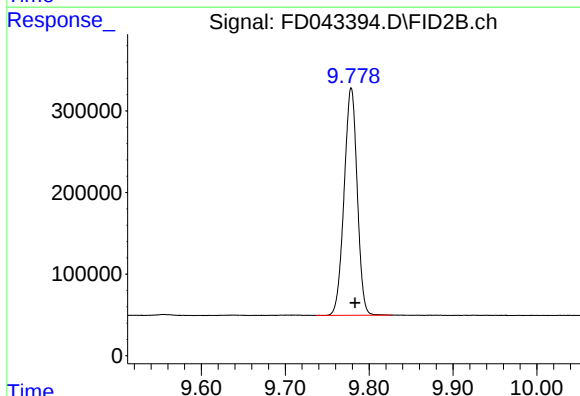
R.T.: 7.009 min
Delta R.T.: -0.004 min
Response: 3238495
Conc: 21.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



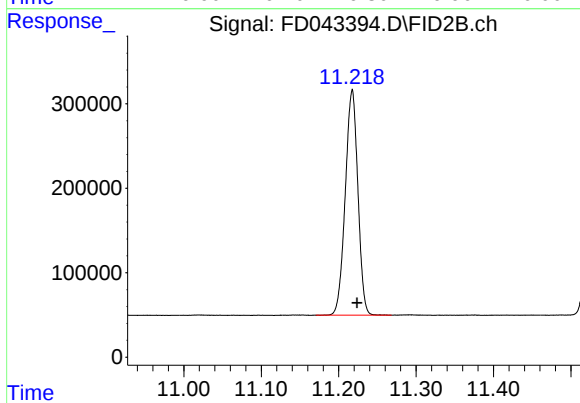
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 3029211
Conc: 21.35 ug/ml



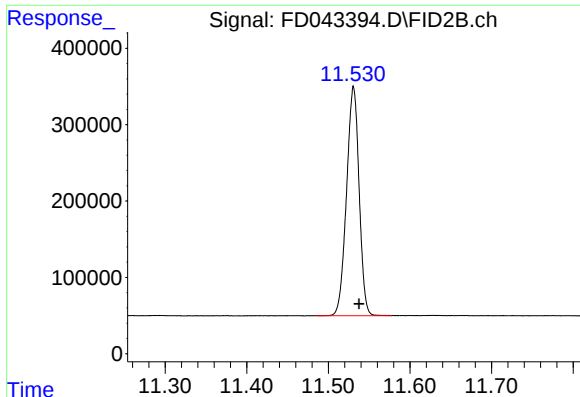
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.005 min
Response: 3024045
Conc: 21.32 ug/ml



#8 n-Octadecane (C18)

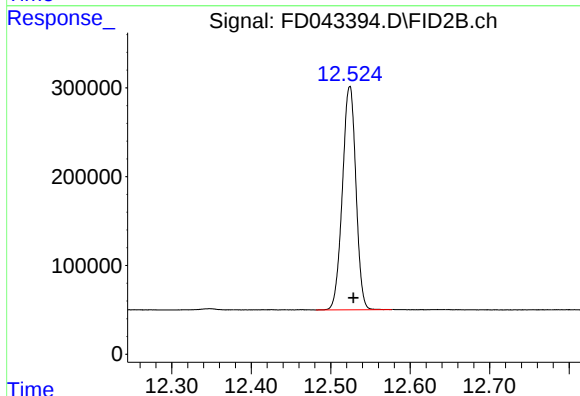
R.T.: 11.218 min
Delta R.T.: -0.006 min
Response: 3022338
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

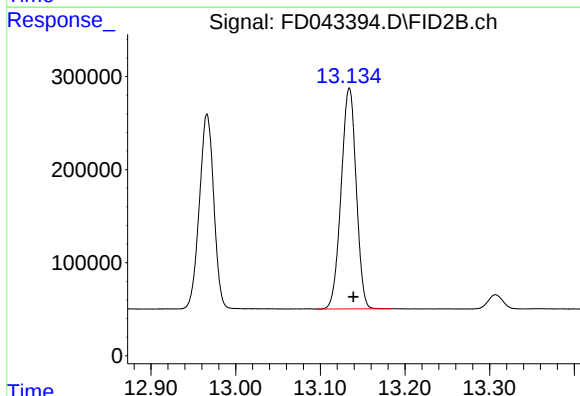
R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 3208924
Conc: 20.27 ug/ml

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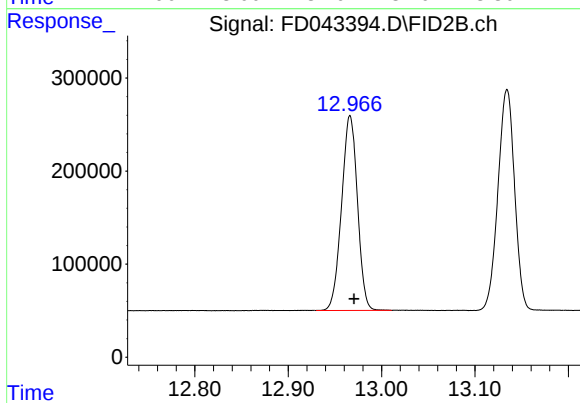
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.004 min
Response: 2975066
Conc: 20.55 ug/ml



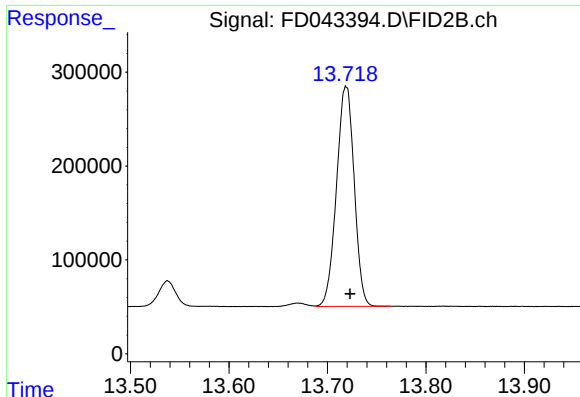
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2933398
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

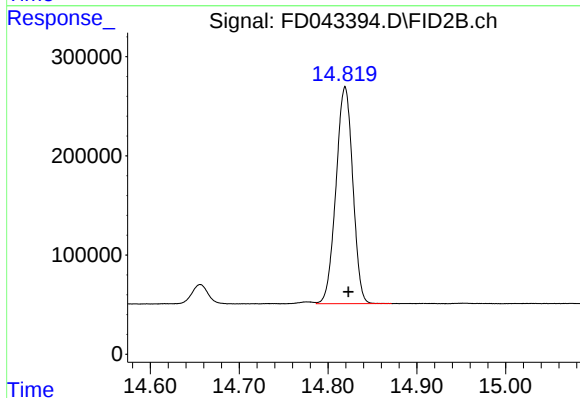
R.T.: 12.966 min
Delta R.T.: -0.005 min
Response: 2476935
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

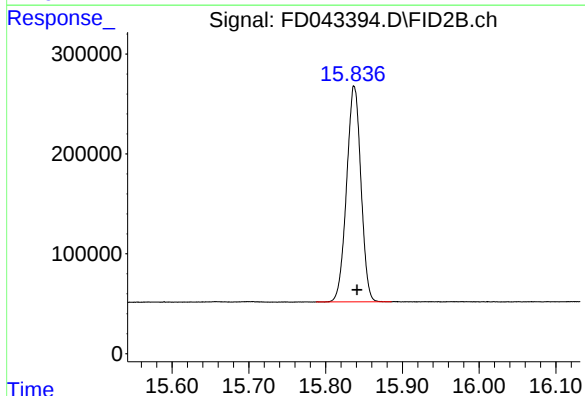
R.T.: 13.719 min
Delta R.T.: -0.004 min
Response: 2928034
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



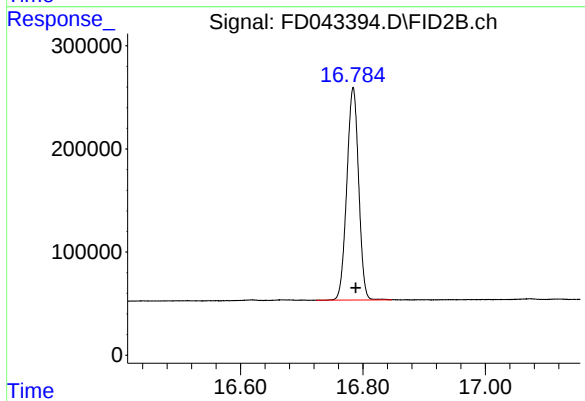
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.004 min
Response: 2871620
Conc: 19.82 ug/ml



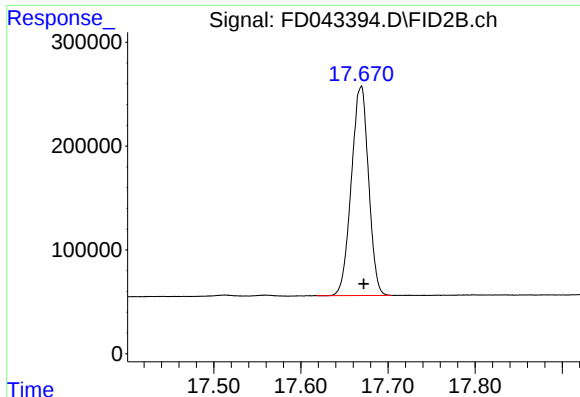
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.004 min
Response: 2805879
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

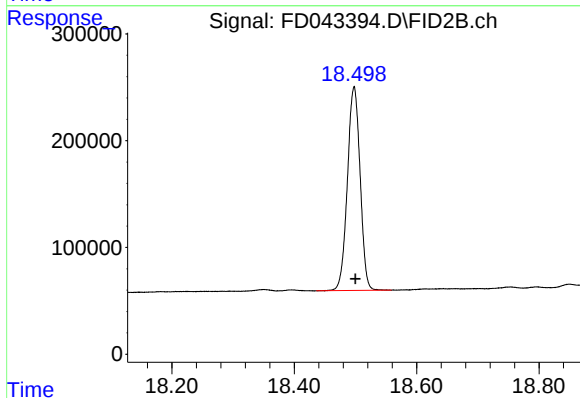
R.T.: 16.784 min
Delta R.T.: -0.004 min
Response: 2766110
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

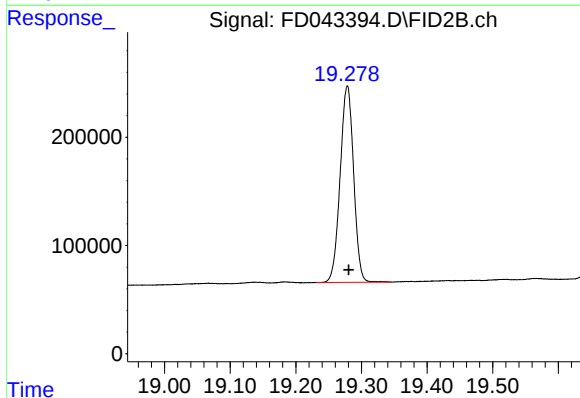
R.T.: 17.669 min
Delta R.T.: -0.003 min
Response: 2766356
Conc: 19.60 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD



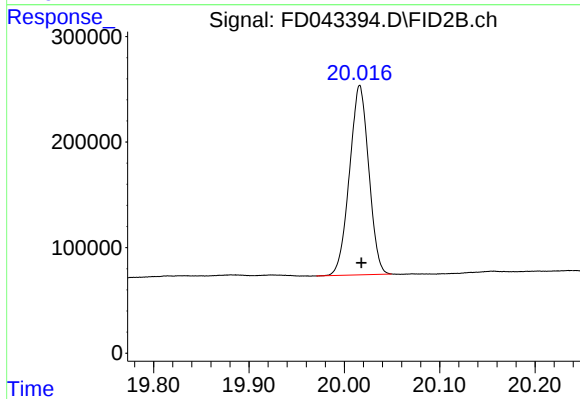
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.002 min
Response: 2752349
Conc: 19.90 ug/ml



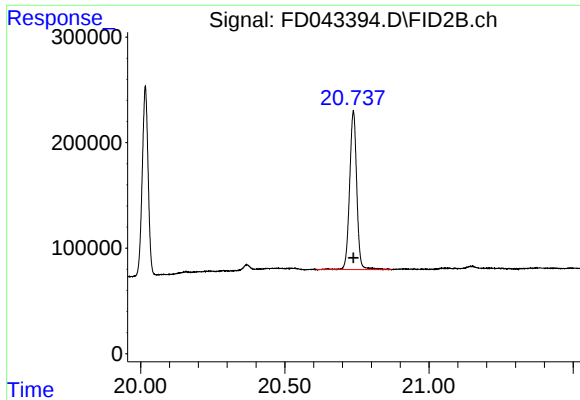
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: -0.002 min
Response: 2590838
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

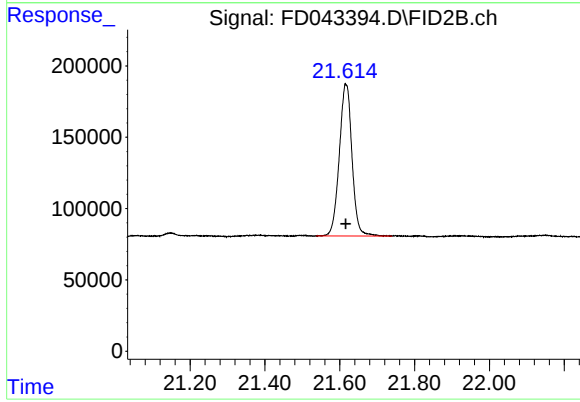
R.T.: 20.016 min
Delta R.T.: -0.002 min
Response: 2521234
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 2588315
Conc: 21.89 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: 0.000 min
Response: 2505654
Conc: 22.16 ug/ml