

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101022AL\
 Data File : FC061739.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2022 14:24
 Operator : YP/AJ
 Sample : N5028-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2022
 Supervised By :Ankita Jodhani 10/11/2022

Integration File: autoint1.e
 Quant Time: Oct 11 05:10:50 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

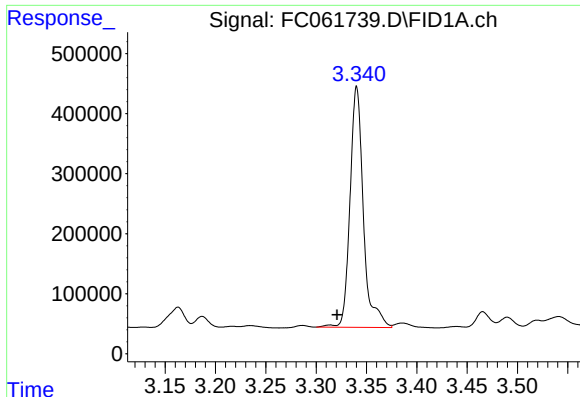
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.025	6297107	46.096 ug/mlm
Spiked Amount 50.000		Recovery =	92.19%
Target Compounds			
1) T n-Nonane (C9)	3.340	3715975	24.894 ug/ml
2) T n-Decane (C10)	4.410	5063572	33.569 ug/ml
4) T n-Dodecane (C12)	6.431	6196478	40.750 ug/mlm
6) T n-Tetradecane (C14)	8.232	7462291	48.946 ug/mlm
7) T n-Hexadecane (C16)	9.833	7087588	45.837 ug/mlm
8) T n-Octadecane (C18)	11.276	7584169	48.109 ug/mlm
10) T n-Eicosane (C20)	12.583	7154951	44.899 ug/mlm
11) T n-Heneicosane (C21)	13.193	6427891	40.065 ug/mlm
13) T n-Docosane (C22)	13.779	6352102	39.537 ug/mlm
14) T n-Tetracosane (C24)	14.881	6248091	39.004 ug/ml
15) T n-Hexacosane (C26)	15.900	6052993	38.183 ug/ml
16) T n-Octacosane (C28)	16.849	5717719	36.889 ug/ml
17) T n-Tricontane (C30)	17.736	5427326	35.267 ug/ml
18) T n-Dotriacontane (C32)	18.568	5108413	33.785 ug/ml
19) T n-Tetratriacontane (C34)	19.351	4838590	34.125 ug/ml
20) T n-Hexatriacontane (C36)	20.089	4324449	31.324 ug/ml
21) T n-Octatriacontane (C38)	20.825	4150604	32.050 ug/ml
22) T n-Tetracontane (C40)	21.740	4025848	32.943 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



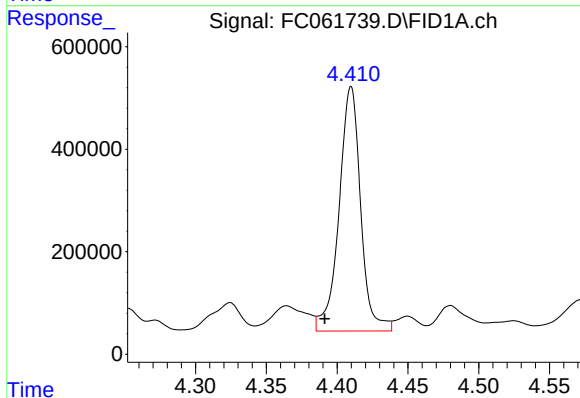
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.019 min
Response: 3715975
Conc: 24.89 ug/ml

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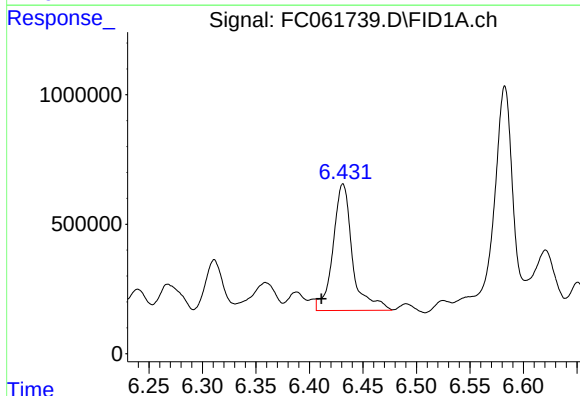
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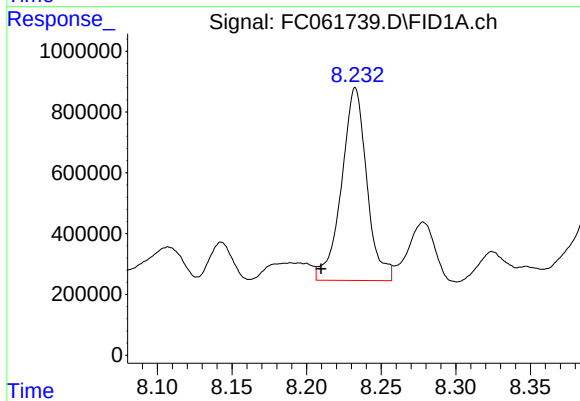
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.018 min
Response: 5063572
Conc: 33.57 ug/ml



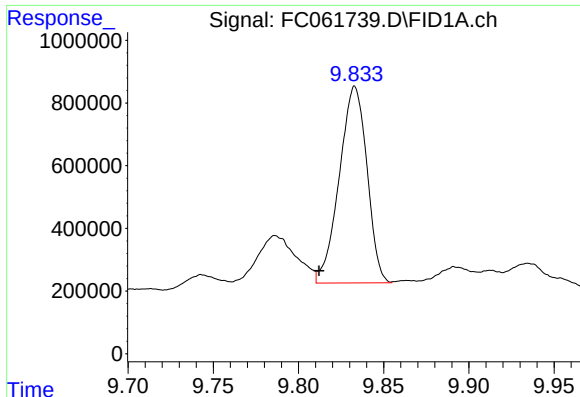
#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: 0.020 min
Response: 6196478
Conc: 40.75 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: 0.022 min
Response: 7462291
Conc: 48.95 ug/ml m



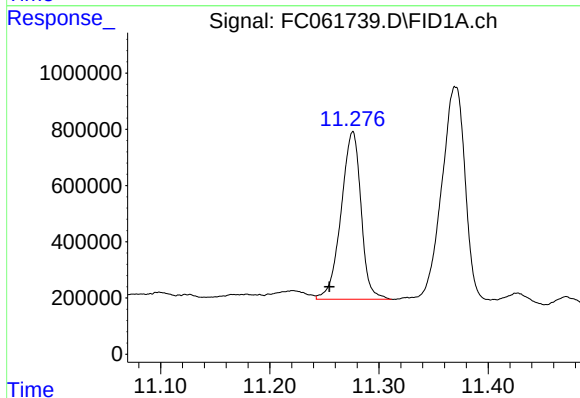
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: 0.020 min
Response: 7087588
Conc: 45.84 ug/ml

Instrument :
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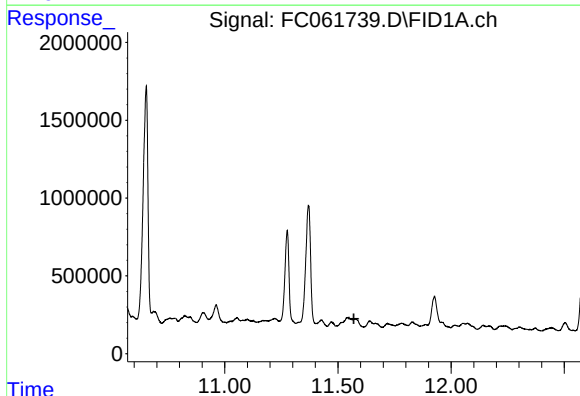
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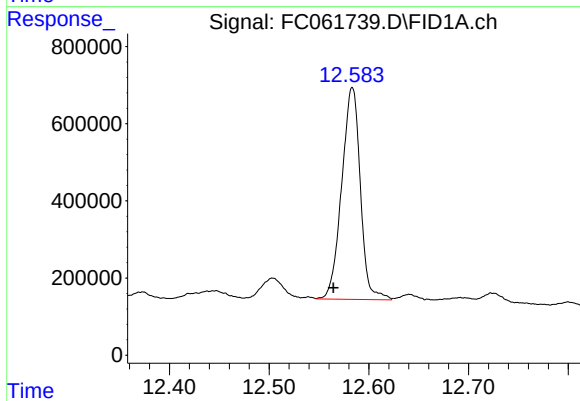
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: 0.021 min
Response: 7584169
Conc: 48.11 ug/ml m



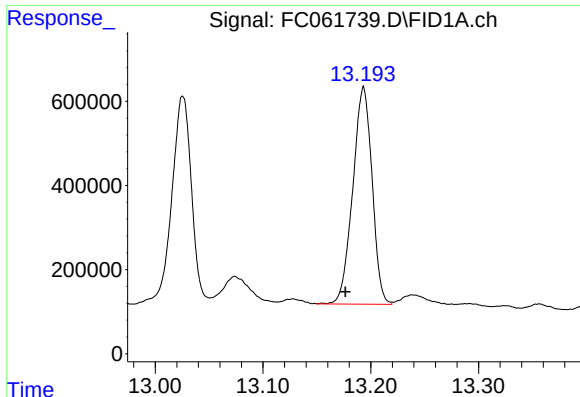
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.018 min
Response: 7154951
Conc: 44.90 ug/ml m



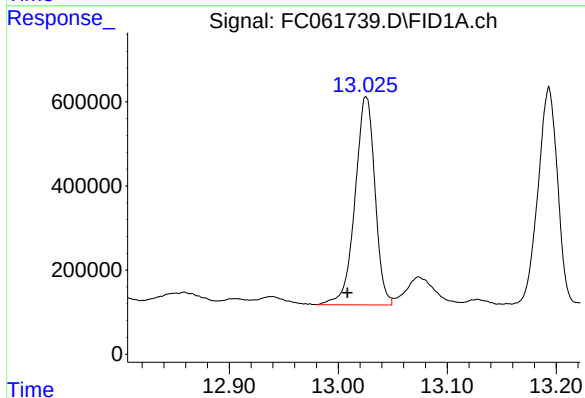
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.016 min
Response: 6427891
Conc: 40.06 ug/ml

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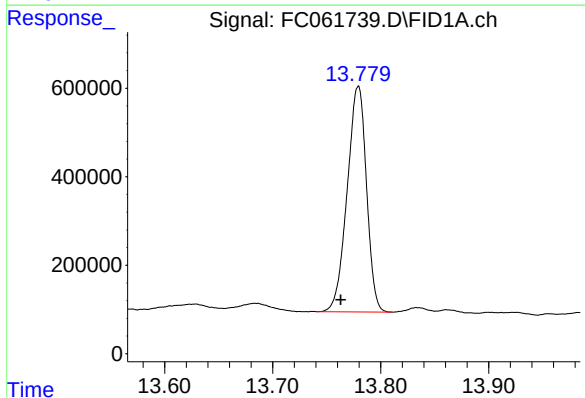
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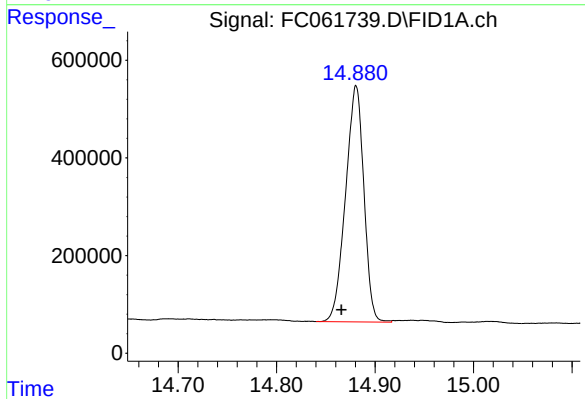
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.017 min
Response: 6297107
Conc: 46.10 ug/ml m



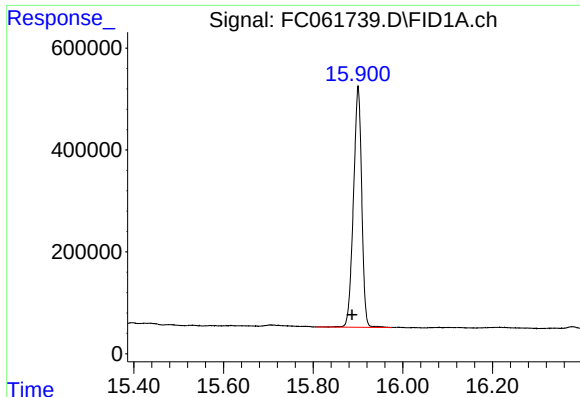
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.016 min
Response: 6352102
Conc: 39.54 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.015 min
Response: 6248091
Conc: 39.00 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.013 min
Response: 6052993
Conc: 38.18 ug/ml

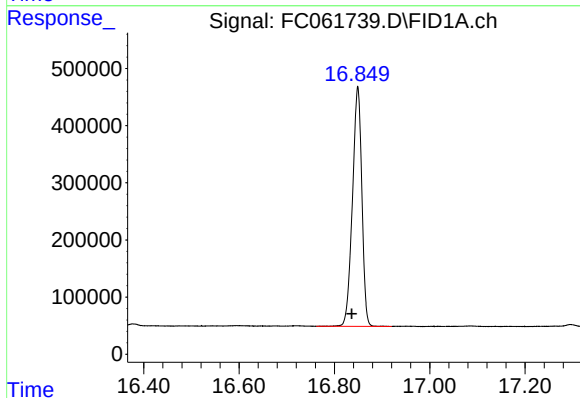
Instrument :

FID_C

ClientSampleId :
WASTEMS

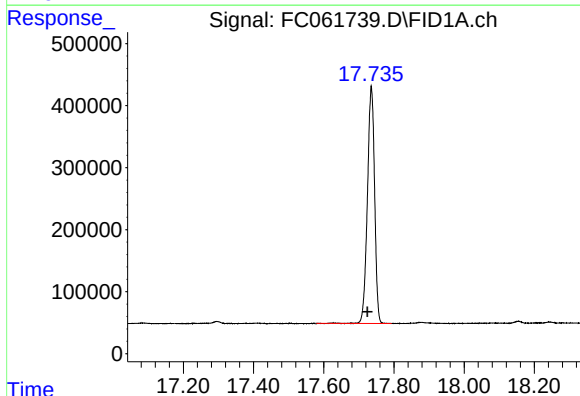
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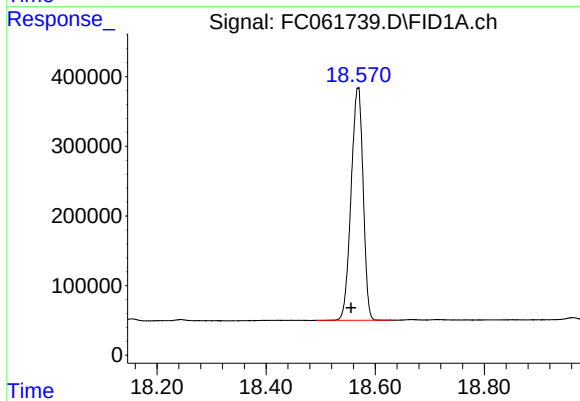
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.013 min
Response: 5717719
Conc: 36.89 ug/ml



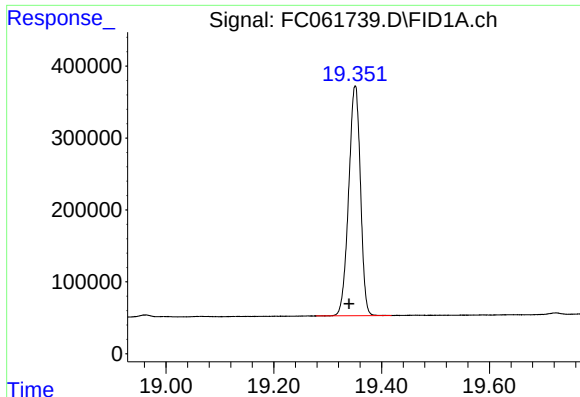
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: 0.011 min
Response: 5427326
Conc: 35.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.012 min
Response: 5108413
Conc: 33.78 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: 0.011 min
Response: 4838590
Conc: 34.12 ug/ml

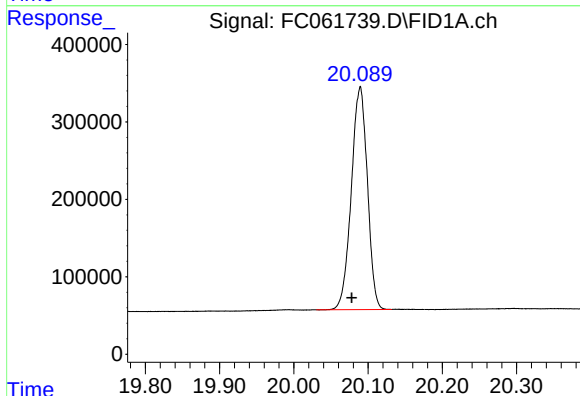
Instrument :

FID_C

ClientSampleId :
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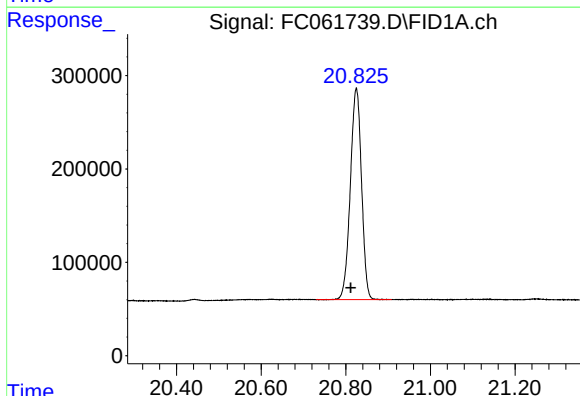
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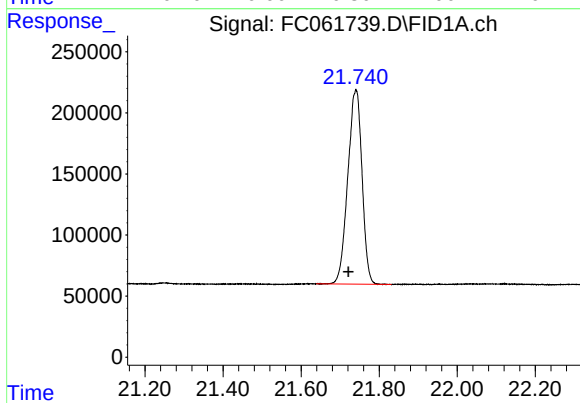
#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: 0.011 min
Response: 4324449
Conc: 31.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: 0.014 min
Response: 4150604
Conc: 32.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: 0.019 min
Response: 4025848
Conc: 32.94 ug/ml