

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070622AL\
 Data File : FC060593.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2022 16:14
 Operator : YP/AJ
 Sample : N3564-29MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-16-2-4-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: autoint1.e
 Quant Time: Jul 07 01:33:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

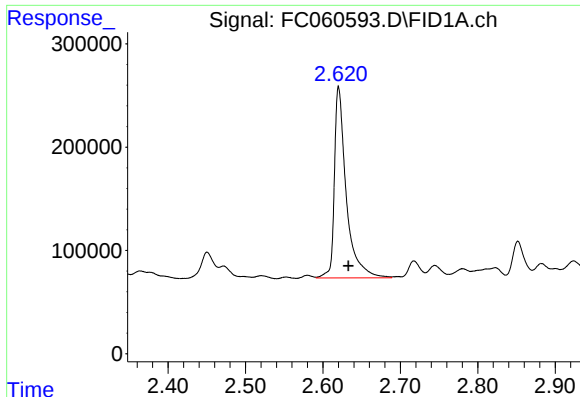
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.036	4651413	31.557 ug/mlm
Spiked Amount 50.000		Recovery =	63.11%
Target Compounds			
1) T n-Nonane (C9)	2.621	1974235	12.870 ug/ml
2) T n-Decane (C10)	3.617	2595847	16.998 ug/ml
4) T n-Dodecane (C12)	5.569	6092929	37.701 ug/ml
6) T n-Tetradecane (C14)	7.326	6580541	39.834 ug/mlm
7) T n-Hexadecane (C16)	8.897	7847428	46.434 ug/mlm
8) T n-Octadecane (C18)	10.314	10010283	58.185 ug/mlm
10) T n-Eicosane (C20)	11.604	11753279	68.866 ug/mlm
11) T n-Heneicosane (C21)	12.206	8471495	49.686 ug/mlm
13) T n-Docosane (C22)	12.781	7662265	44.950 ug/mlm
14) T n-Tetracosane (C24)	13.860	8771089	52.240 ug/mlm
15) T n-Hexacosane (C26)	14.858	7696789	46.838 ug/mlm
16) T n-Octacosane (C28)	15.777	8132806	51.253 ug/mlm
17) T n-Tricontane (C30)	16.632	7844745	51.535 ug/mlm
18) T n-Dotriacontane (C32)	17.434	6700111	46.092 ug/mlm
19) T n-Tetratriacontane (C34)	18.195	7514150	59.162 ug/mlm
20) T n-Hexatriacontane (C36)	18.912	5534507	49.315 ug/mlm
21) T n-Octatriacontane (C38)	19.592	5336811	48.753 ug/mlm
22) T n-Tetracontane (C40)	20.238	5427050	48.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



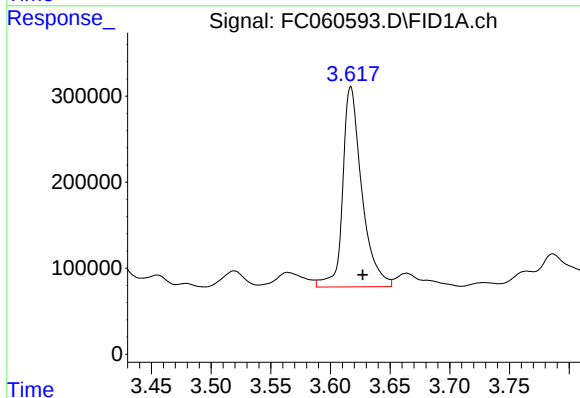
#1 n-Nonane (C9)

R.T.: 2.621 min
Delta R.T.: -0.012 min
Response: 1974235
Conc: 12.87 ug/ml

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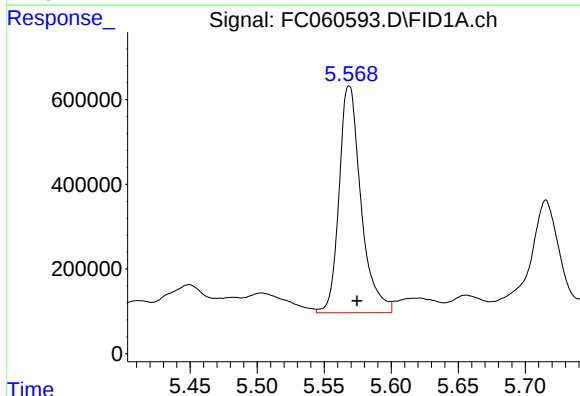
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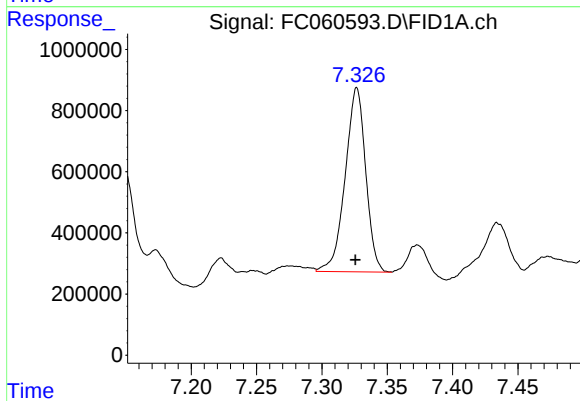
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.010 min
Response: 2595847
Conc: 17.00 ug/ml



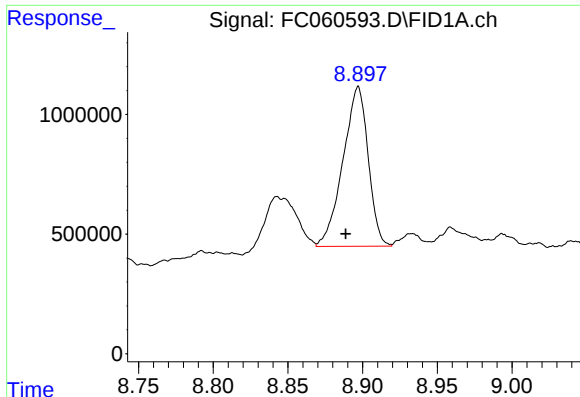
#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.006 min
Response: 6092929
Conc: 37.70 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 6580541
Conc: 39.83 ug/ml m



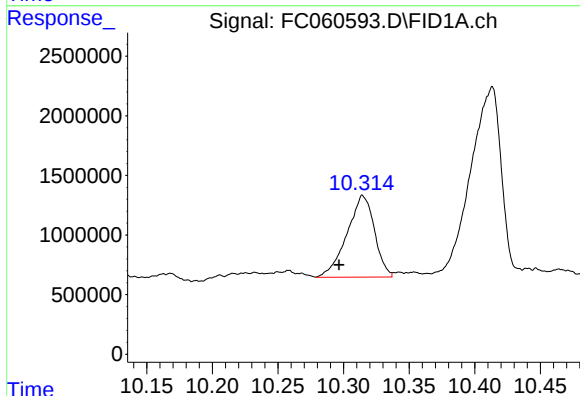
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: 0.008 min
Response: 7847428
Conc: 46.43 ug/ml

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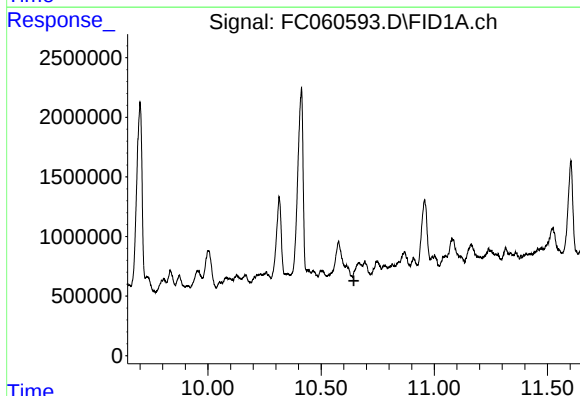
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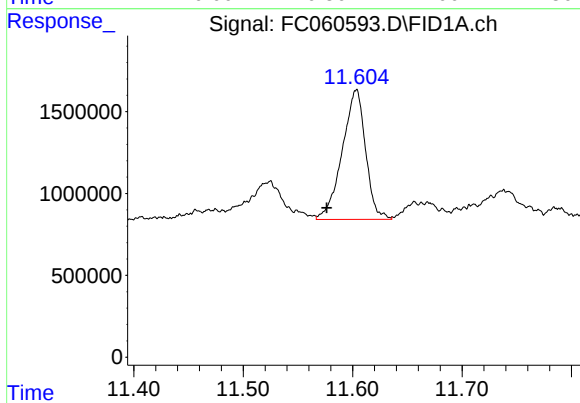
#8 n-Octadecane (C18)

R.T.: 10.314 min
Delta R.T.: 0.017 min
Response: 10010283
Conc: 58.19 ug/ml m



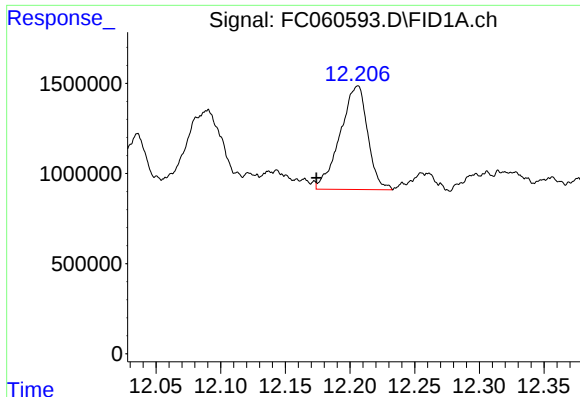
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.604 min
Delta R.T.: 0.028 min
Response: 11753279
Conc: 68.87 ug/ml m



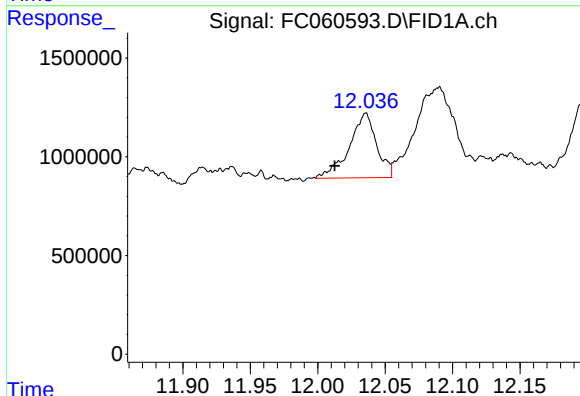
#11 n-Heneicosane (C21)

R.T.: 12.206 min
Delta R.T.: 0.032 min
Response: 8471495
Conc: 49.69 ug/ml

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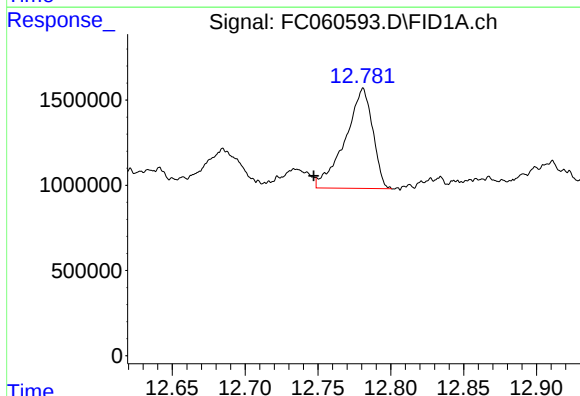
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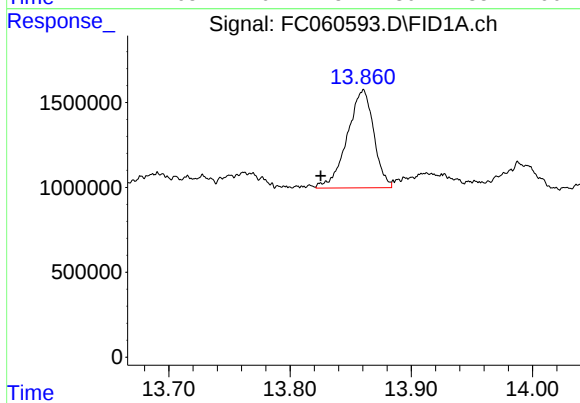
#12 1-chlorooctadecane (SURR)

R.T.: 12.036 min
Delta R.T.: 0.023 min
Response: 4651413
Conc: 31.56 ug/ml m



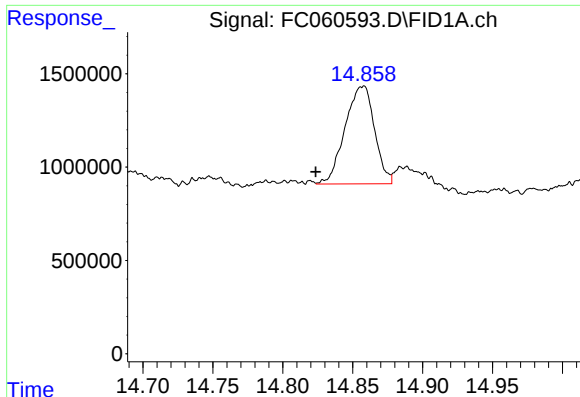
#13 n-Docosane (C22)

R.T.: 12.781 min
Delta R.T.: 0.034 min
Response: 7662265
Conc: 44.95 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.860 min
Delta R.T.: 0.035 min
Response: 8771089
Conc: 52.24 ug/ml m



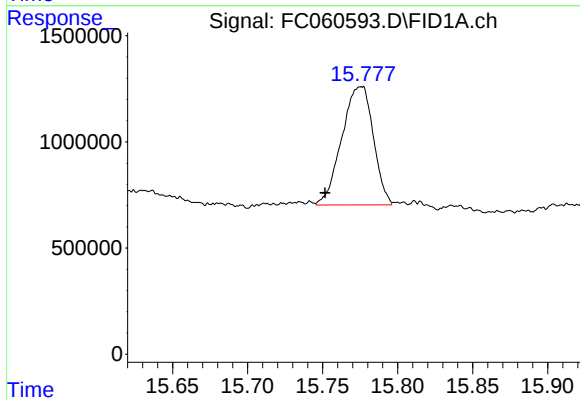
#15 n-Hexacosane (C26)

R.T.: 14.858 min
Delta R.T.: 0.034 min
Response: 7696789
Conc: 46.84 ug/ml

Instrument :
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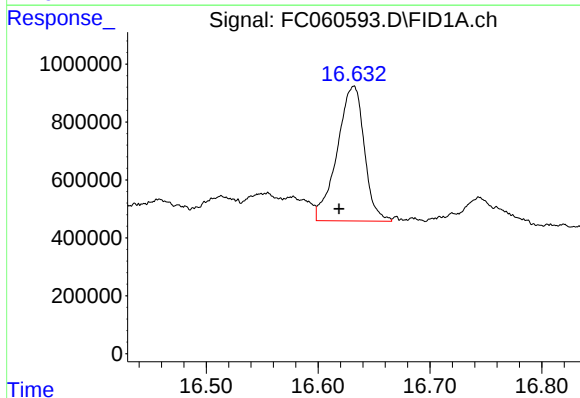
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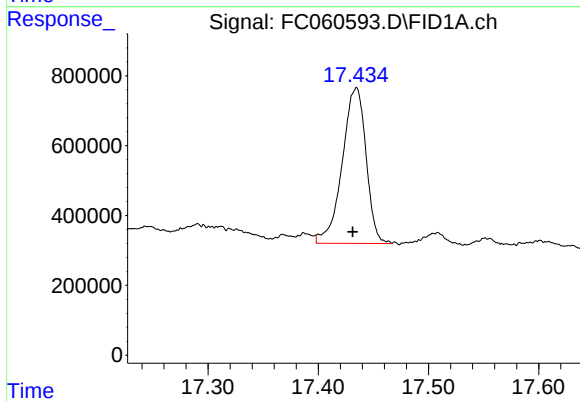
#16 n-Octacosane (C28)

R.T.: 15.777 min
Delta R.T.: 0.026 min
Response: 8132806
Conc: 51.25 ug/ml m



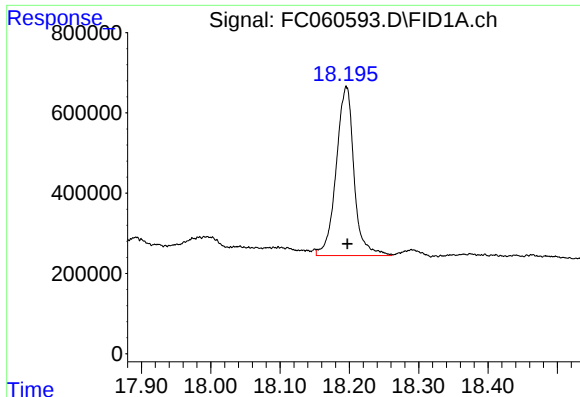
#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: 0.014 min
Response: 7844745
Conc: 51.53 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.434 min
Delta R.T.: 0.003 min
Response: 6700111
Conc: 46.09 ug/ml m



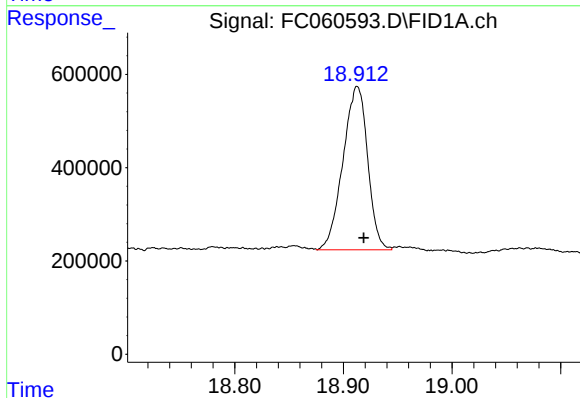
#19 n-Tetratriacontane (C34)

R.T.: 18.195 min
Delta R.T.: -0.002 min
Response: 7514150
Conc: 59.16 ug/ml

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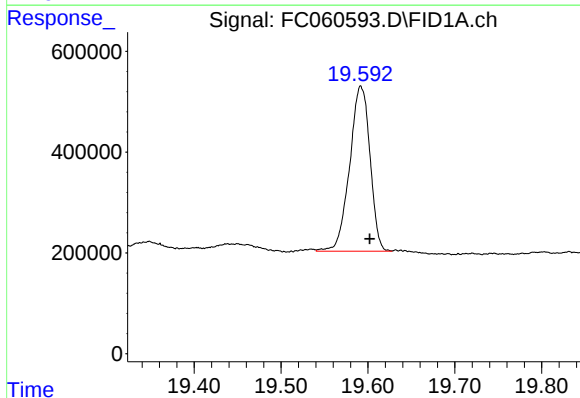
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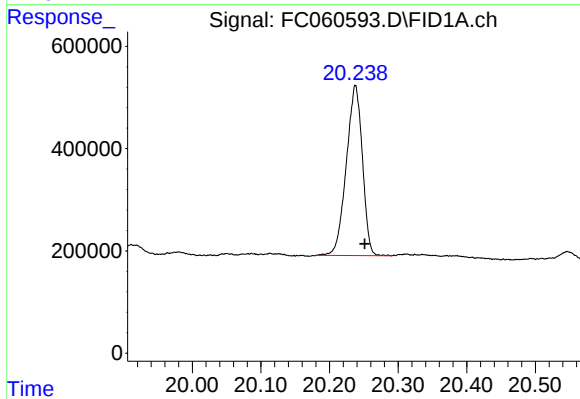
#20 n-Hexatriacontane (C36)

R.T.: 18.912 min
Delta R.T.: -0.007 min
Response: 5534507
Conc: 49.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.592 min
Delta R.T.: -0.011 min
Response: 5336811
Conc: 48.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.238 min
Delta R.T.: -0.014 min
Response: 5427050
Conc: 48.05 ug/ml