

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040292.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 10:07
 Operator : AJ\MA
 Sample : PB141562BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141562BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/30/2021

Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e

Quant Time: Dec 30 10:34:39 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M

Quant Title : GC Extractables

QLast Update : Wed Dec 29 02:26:30 2021

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

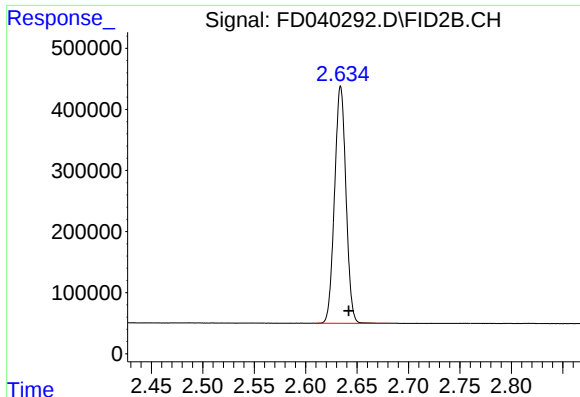
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.138	2890391	23.967 ug/ml
Spiked Amount 50.000		Recovery =	47.93%
Target Compounds			
1) T n-Nonane (C9)	2.634	2993804	22.813 ug/ml
2) T n-Decane (C10)	3.627	3668392	27.714 ug/ml
4) T n-Dodecane (C12)	5.600	4218971	31.768 ug/ml
6) T n-Tetradecane (C14)	7.378	4519992	32.694 ug/ml
7) T n-Hexadecane (C16)	8.966	4927820	35.939 ug/ml
8) T n-Octadecane (C18)	10.398	5217285	36.945 ug/ml
10) T n-Eicosane (C20)	11.700	5243325	37.504 ug/ml
11) T n-Heneicosane (C21)	12.308	5229918	36.964 ug/ml
13) T n-Docosane (C22)	12.892	5248084	37.395 ug/ml
14) T n-Tetracosane (C24)	13.990	5256945	37.441 ug/ml
15) T n-Hexacosane (C26)	15.003	5111413	37.172 ug/ml
16) T n-Octacosane (C28)	15.949	4980231	36.610 ug/ml
17) T n-Tricontane (C30)	16.831	4817953	36.001 ug/ml
18) T n-Dotriacontane (C32)	17.659	4525555	34.961 ug/ml
19) T n-Tetratriacontane (C34)	18.438	4226898	34.863 ug/ml
20) T n-Hexatriacontane (C36)	19.174	3824982	35.892 ug/ml
21) T n-Octatriacontane (C38)	19.880	3617384	39.172 ug/mlm
22) T n-Tetracontane (C40)	20.705	3522154	45.234 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.008 min
Response: 2993804
Conc: 22.81 ug/ml

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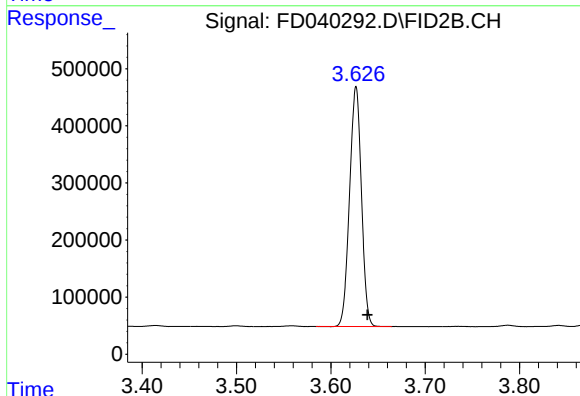
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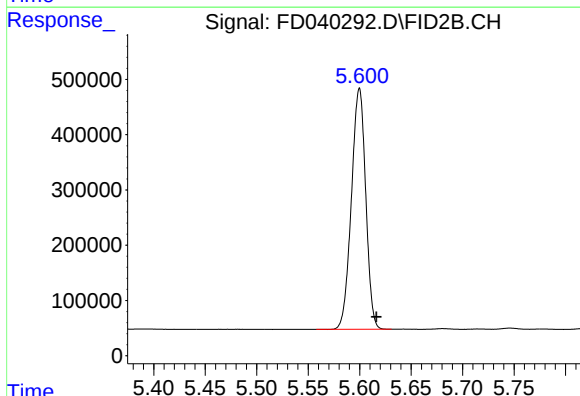
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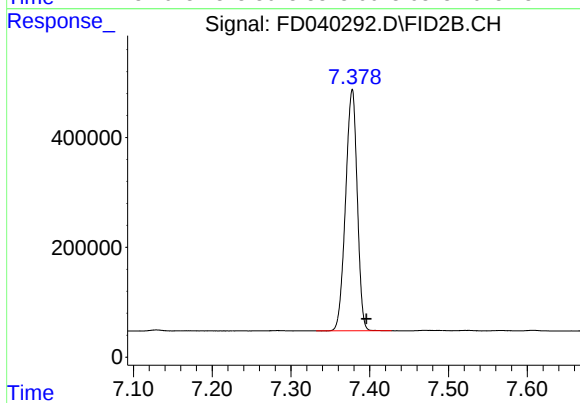
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.012 min
Response: 3668392
Conc: 27.71 ug/ml



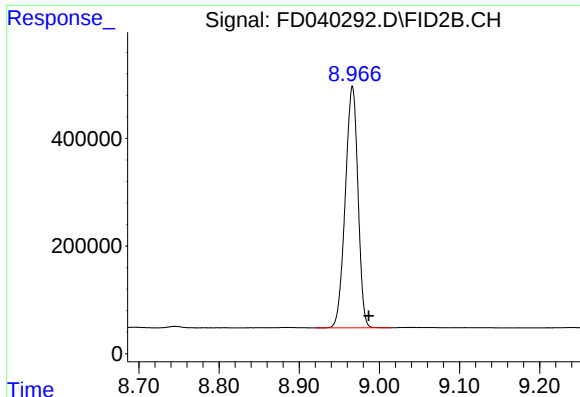
#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.016 min
Response: 4218971
Conc: 31.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.378 min
Delta R.T.: -0.018 min
Response: 4519992
Conc: 32.69 ug/ml



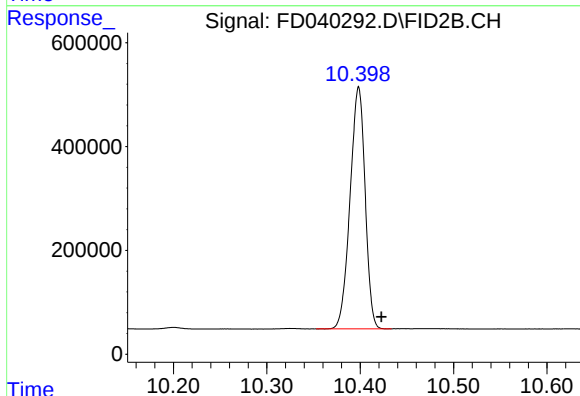
#7 n-Hexadecane (C16)

R.T.: 8.966 min
Delta R.T.: -0.020 min
Response: 4927820
Conc: 35.94 ug/ml

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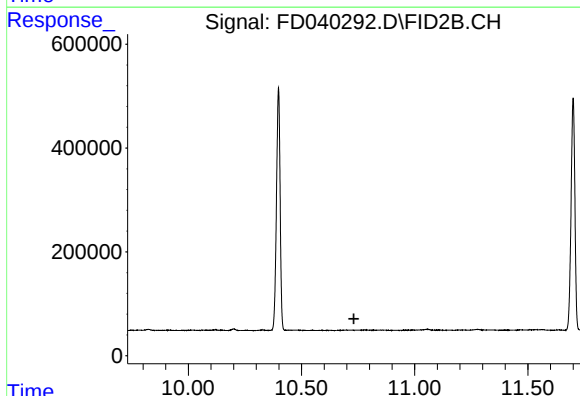
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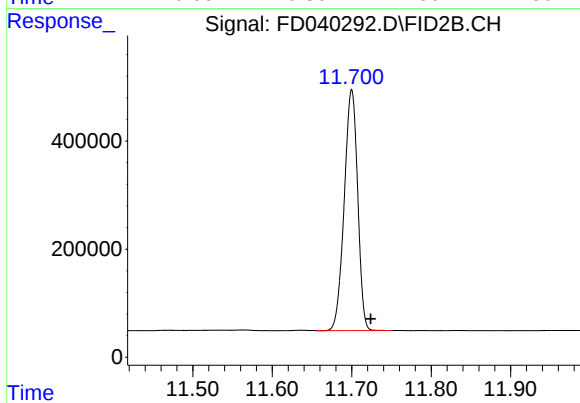
#8 n-Octadecane (C18)

R.T.: 10.398 min
Delta R.T.: -0.024 min
Response: 5217285
Conc: 36.95 ug/ml



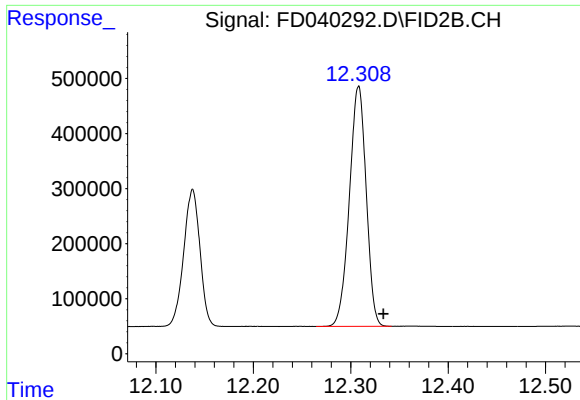
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.700 min
Delta R.T.: -0.024 min
Response: 5243325
Conc: 37.50 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.026 min
Response: 5229918
Conc: 36.96 ug/ml

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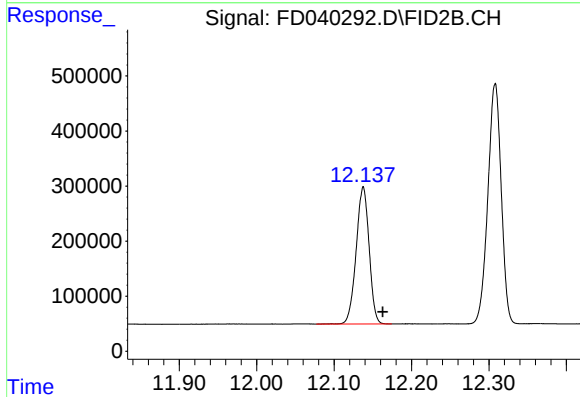
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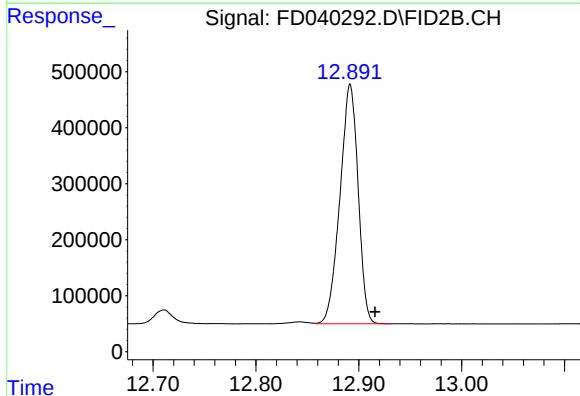
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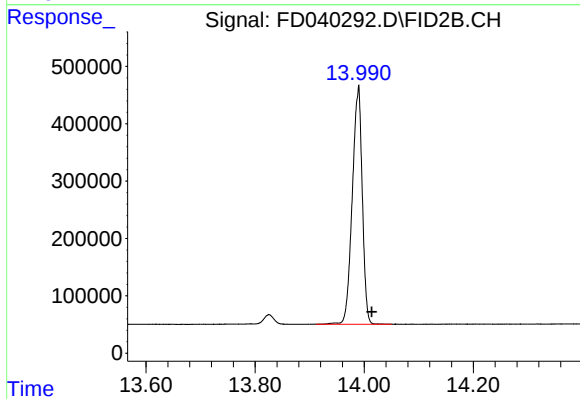
#12 1-chlorooctadecane (SURR)

R.T.: 12.138 min
Delta R.T.: -0.025 min
Response: 2890391
Conc: 23.97 ug/ml



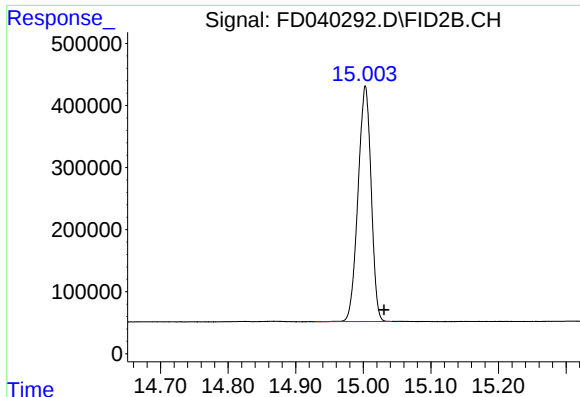
#13 n-Docosane (C22)

R.T.: 12.892 min
Delta R.T.: -0.024 min
Response: 5248084
Conc: 37.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.990 min
Delta R.T.: -0.025 min
Response: 5256945
Conc: 37.44 ug/ml



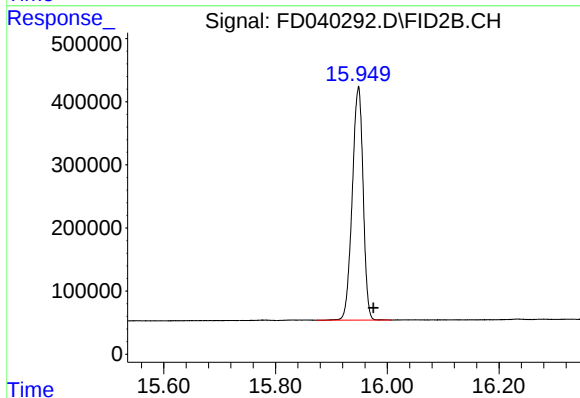
#15 n-Hexacosane (C26)

R.T.: 15.003 min
Delta R.T.: -0.028 min
Response: 5111413
Conc: 37.17 ug/ml

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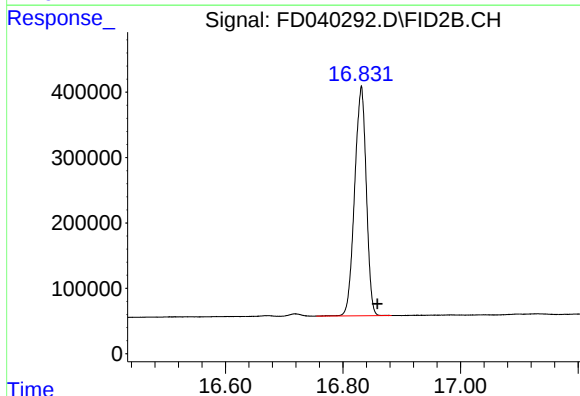
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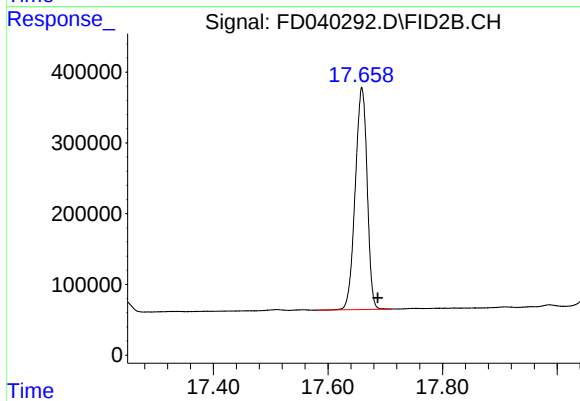
#16 n-Octacosane (C28)

R.T.: 15.949 min
Delta R.T.: -0.027 min
Response: 4980231
Conc: 36.61 ug/ml



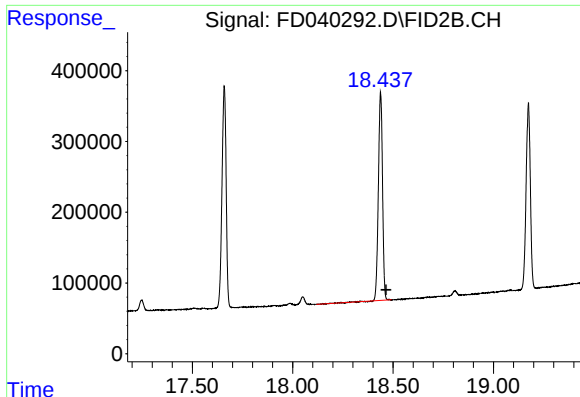
#17 n-Tricontane (C30)

R.T.: 16.831 min
Delta R.T.: -0.027 min
Response: 4817953
Conc: 36.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.659 min
Delta R.T.: -0.028 min
Response: 4525555
Conc: 34.96 ug/ml



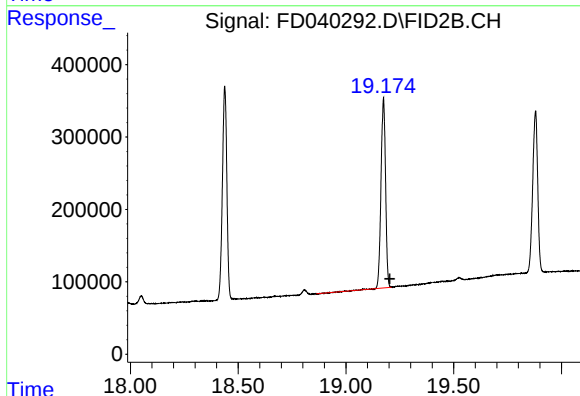
#19 n-Tetratriacontane (C34)

R.T.: 18.438 min
Delta R.T.: -0.029 min
Response: 4226898
Conc: 34.86 ug/ml

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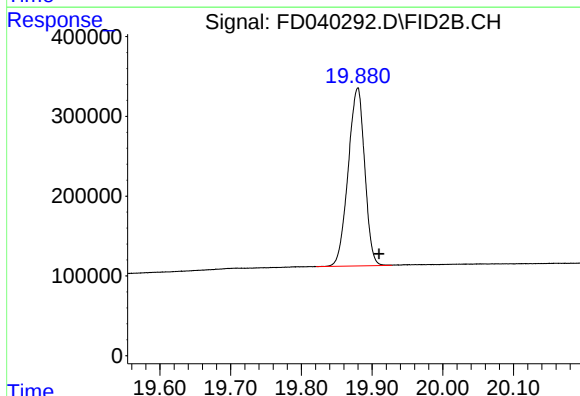
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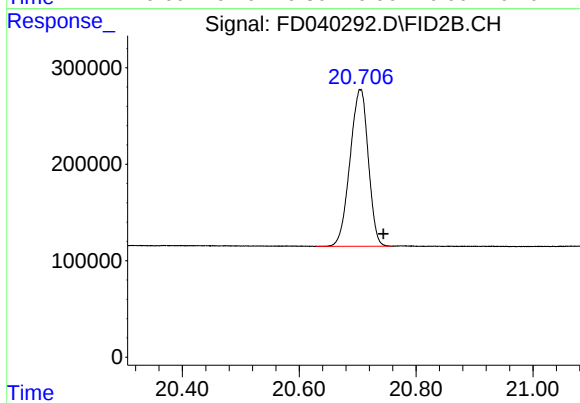
#20 n-Hexatriacontane (C36)

R.T.: 19.174 min
Delta R.T.: -0.029 min
Response: 3824982
Conc: 35.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.880 min
Delta R.T.: -0.030 min
Response: 3617384
Conc: 39.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.705 min
Delta R.T.: -0.039 min
Response: 3522154
Conc: 45.23 ug/ml