

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039116.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 10:59
 Operator : YP\AJ
 Sample : PB149398BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149398BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E
 Quant Time: Dec 05 12:12:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

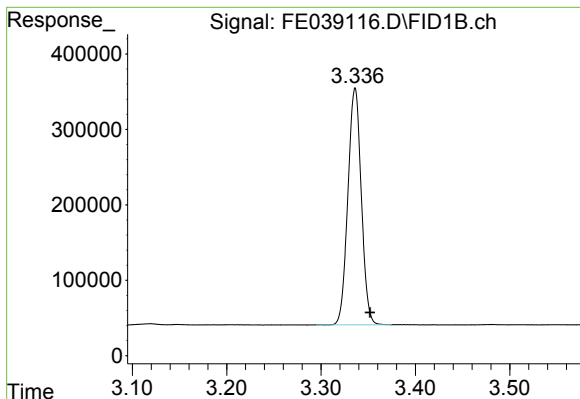
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.380	4547995	37.668 ug/ml
Spiked Amount 50.000		Recovery =	75.34%
Target Compounds			
1) T n-Nonane (C9)	3.336	3091434	21.809 ug/ml
2) T n-Decane (C10)	4.586	3851608	27.634 ug/ml
4) T n-Dodecane (C12)	6.751	4605352	32.672 ug/ml
6) T n-Tetradecane (C14)	8.578	5075052	35.534 ug/ml
7) T n-Hexadecane (C16)	10.185	5672398	38.796 ug/ml
8) T n-Octadecane (C18)	11.627	6471305	43.978 ug/ml
10) T n-Eicosane (C20)	12.937	6501401	45.797 ug/ml
11) T n-Heneicosane (C21)	13.548	6504240	45.773 ug/ml
13) T n-Docosane (C22)	14.134	6484239	46.386 ug/ml
14) T n-Tetracosane (C24)	15.236	7017864	50.816 ug/ml
15) T n-Hexacosane (C26)	16.257	6318494	47.043 ug/ml
16) T n-Octacosane (C28)	17.206	6190124	46.613 ug/ml
17) T n-Tricontane (C30)	18.094	6046654	45.787 ug/ml
18) T n-Dotriacontane (C32)	18.926	6001093	44.997 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5954335	44.998 ug/mlm
20) T n-Hexatriacontane (C36)	20.450	5627147	43.801 ug/mlm
21) T n-Octatriacontane (C38)	21.191	5350912	40.835 ug/ml
22) T n-Tetracontane (C40)	22.107	4787416	35.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 3091434
Conc: 21.81 ug/ml

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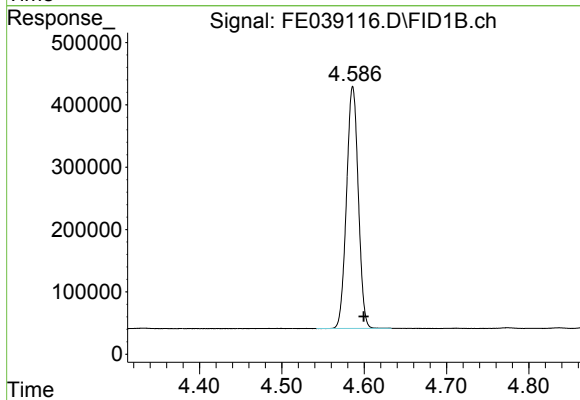
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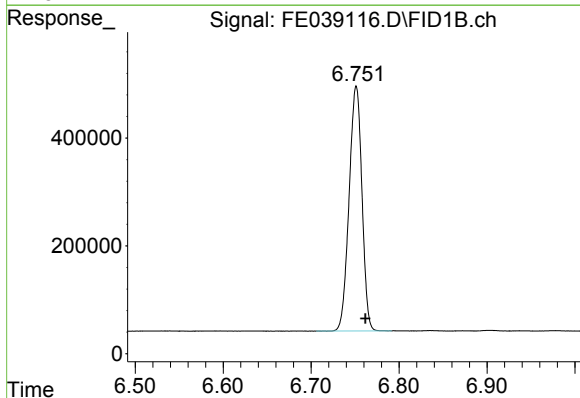
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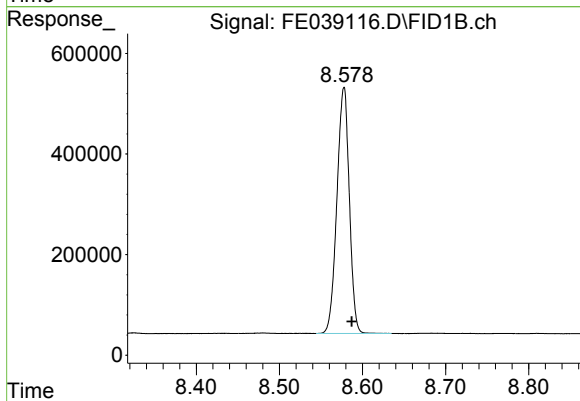
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.013 min
Response: 3851608
Conc: 27.63 ug/ml



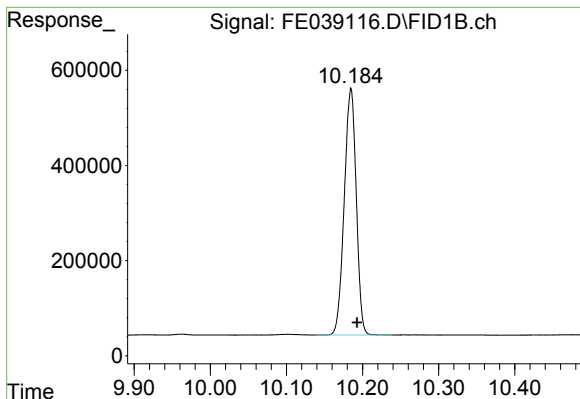
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.010 min
Response: 4605352
Conc: 32.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.009 min
Response: 5075052
Conc: 35.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.008 min
Response: 5672398
Conc: 38.80 ug/ml

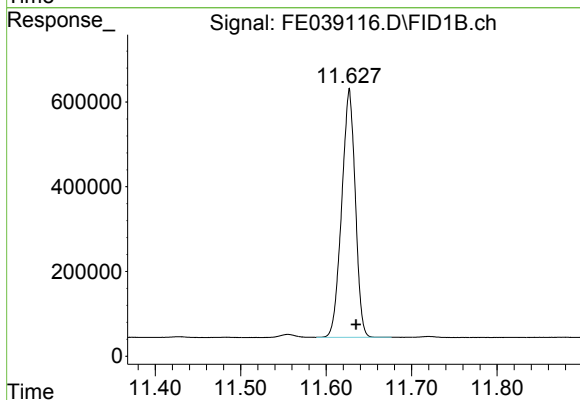
Instrument :

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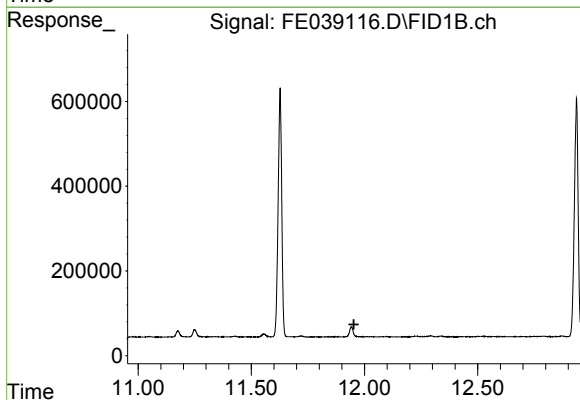
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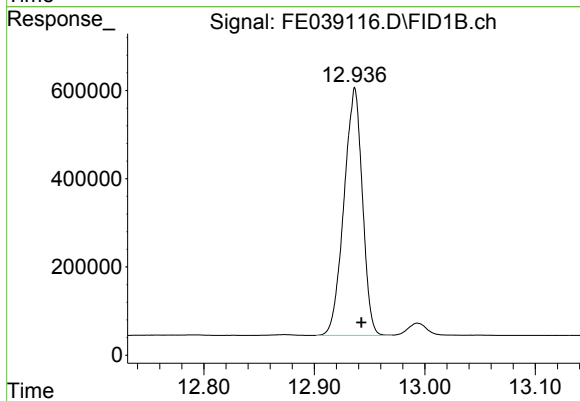
#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 6471305
Conc: 43.98 ug/ml



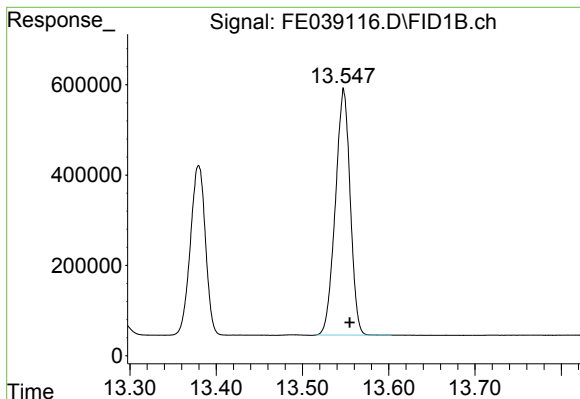
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.953 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.006 min
Response: 6501401
Conc: 45.80 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 6504240
Conc: 45.77 ug/ml

Instrument :

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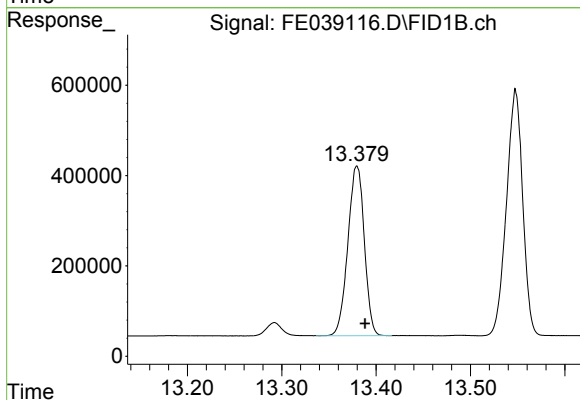
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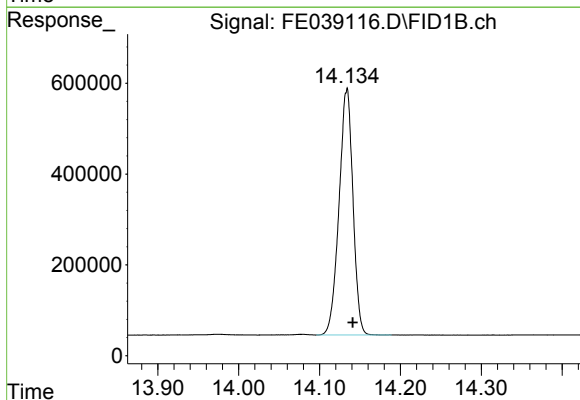
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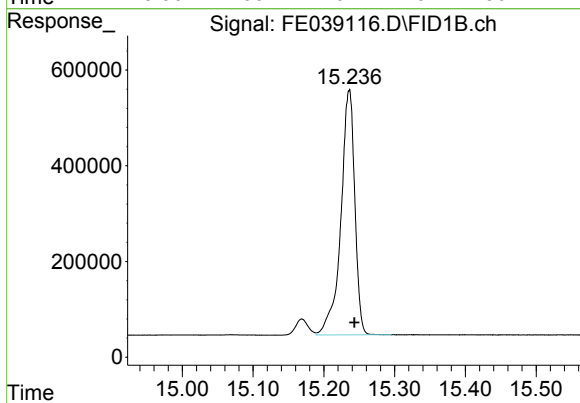
#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 4547995
Conc: 37.67 ug/ml



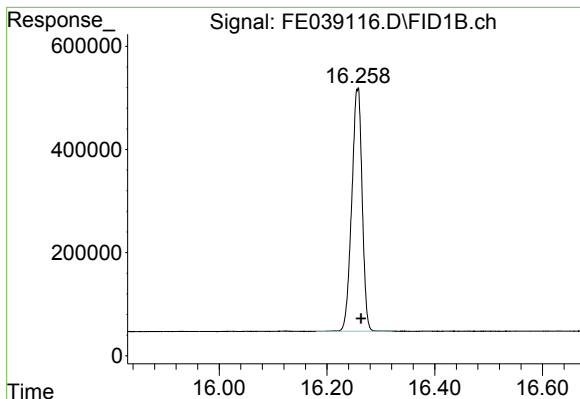
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 6484239
Conc: 46.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.008 min
Response: 7017864
Conc: 50.82 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 6318494
Conc: 47.04 ug/ml

Instrument :

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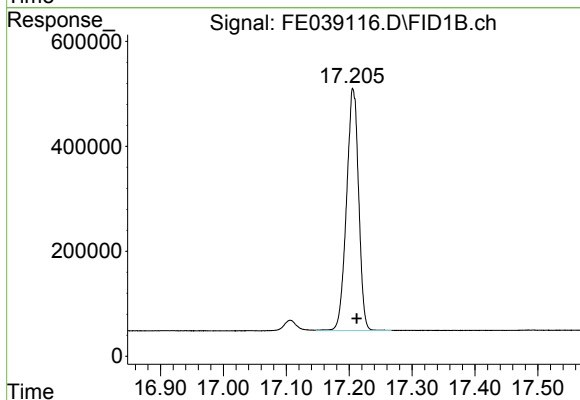
ClientSampleId :

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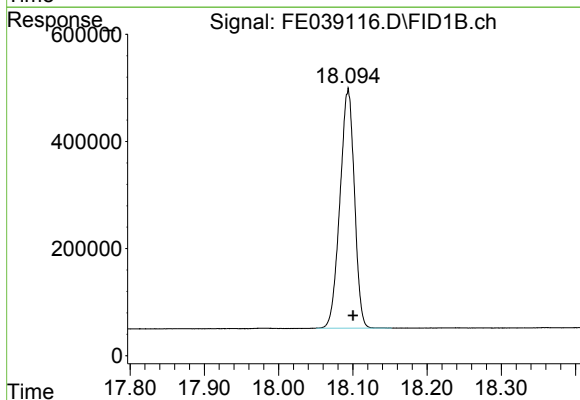
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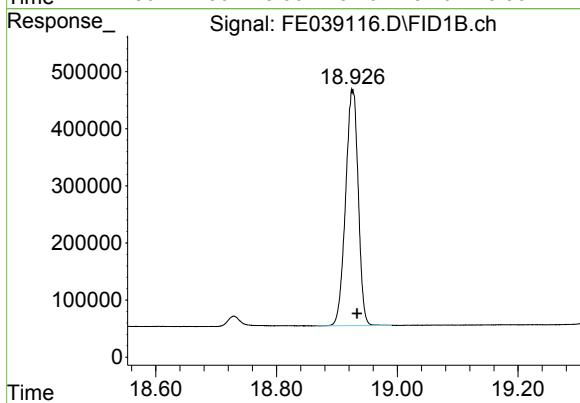
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.006 min
Response: 6190124
Conc: 46.61 ug/ml



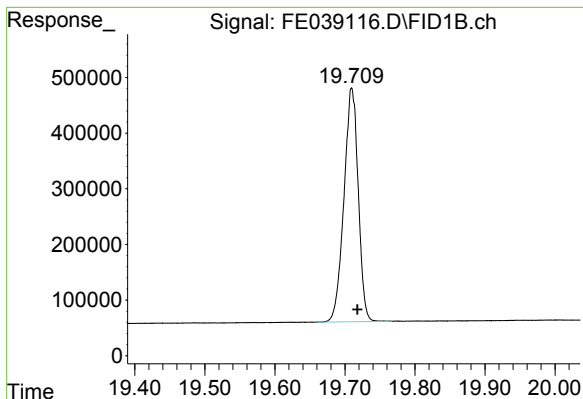
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.007 min
Response: 6046654
Conc: 45.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 6001093
Conc: 45.00 ug/ml



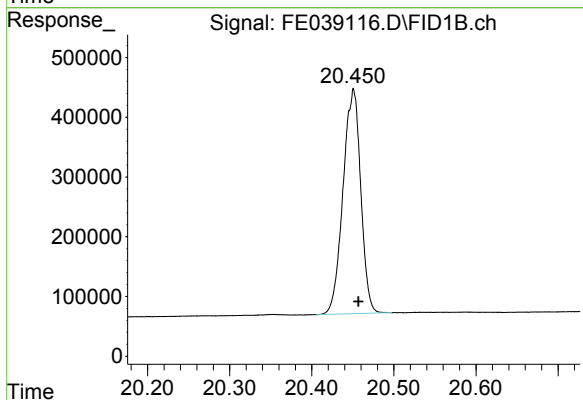
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.008 min
Response: 5954335
Conc: 45.00 ug/ml

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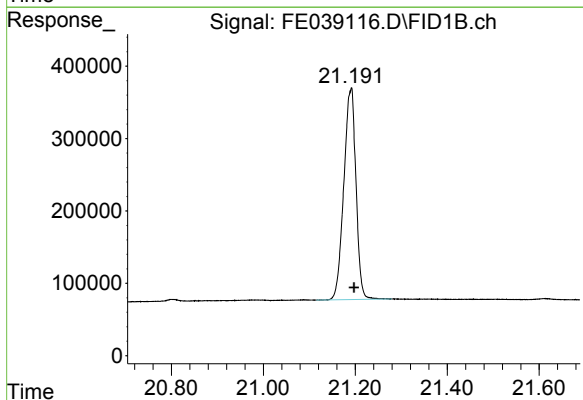
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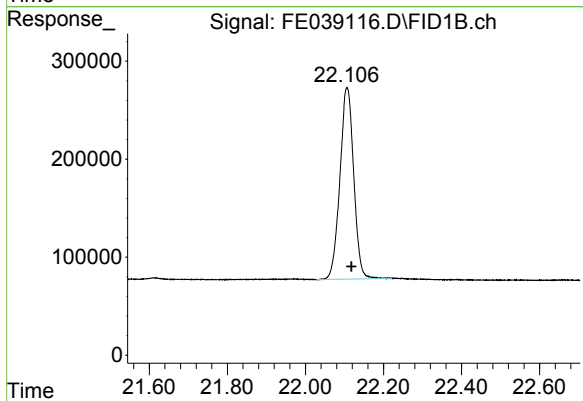
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 5627147
Conc: 43.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.006 min
Response: 5350912
Conc: 40.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.011 min
Response: 4787416
Conc: 35.16 ug/ml