

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123022AL\
 Data File : FE039600.D
 Signal(s) : FID1B.ch
 Acq On : 31 Dec 2022 02:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2023
 Supervised By :Ankita Jodhani 01/03/2023

Integration File: autoint1.e
 Quant Time: Jan 02 05:31:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

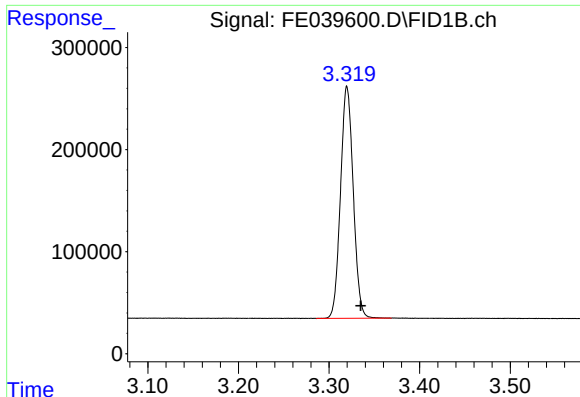
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.927	2789201	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.362	2169726	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.320	2222392	17.193 ug/ml
2) T n-Decane (C10)	4.570	2214115	17.376 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2550155	17.641 ug/ml
4) T n-Dodecane (C12)	6.734	2264193	17.440 ug/ml
5) T A~2-methylnaphthalene...	7.368	2417876	17.853 ug/ml
6) T n-Tetradecane (C14)	8.561	2347727	17.717 ug/ml
7) T n-Hexadecane (C16)	10.167	2484621	18.060 ug/ml
8) T n-Octadecane (C18)	11.609	2571455	18.359 ug/ml
10) T n-Eicosane (C20)	12.917	2547351	18.661 ug/ml
11) T n-Heneicosane (C21)	13.527	2554213	18.727 ug/mlm
13) T n-Docosane (C22)	14.116	2558443	18.913 ug/ml
14) T n-Tetracosane (C24)	15.219	2580233	19.221 ug/ml
15) T n-Hexacosane (C26)	16.240	2540761	19.513 ug/ml
16) T n-Octacosane (C28)	17.190	2590176	20.125 ug/ml
17) T n-Tricontane (C30)	18.078	2724548	21.162 ug/mlm
18) T n-Dotriacontane (C32)	18.910	2771985	21.405 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2597794	20.591 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2393776	19.797 ug/mlm
21) T n-Octatriacontane (C38)	21.170	2304906	18.664 ug/mlm
22) T n-Tetracontane (C40)	22.078	2417801	19.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



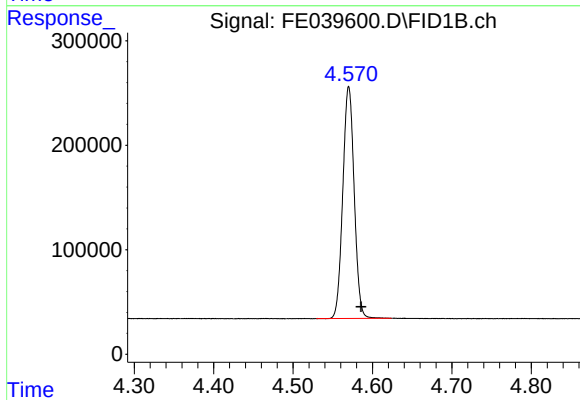
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.015 min
Response: 2222392
Conc: 17.19 ug/ml

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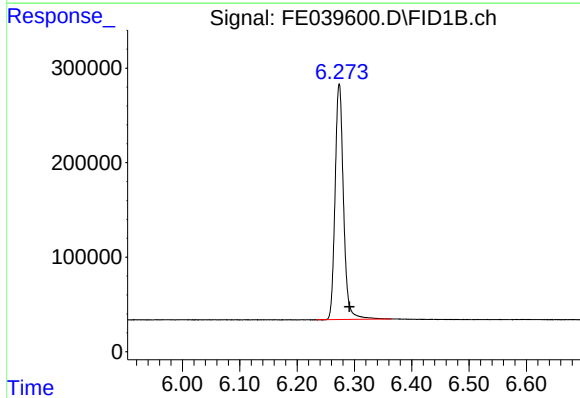
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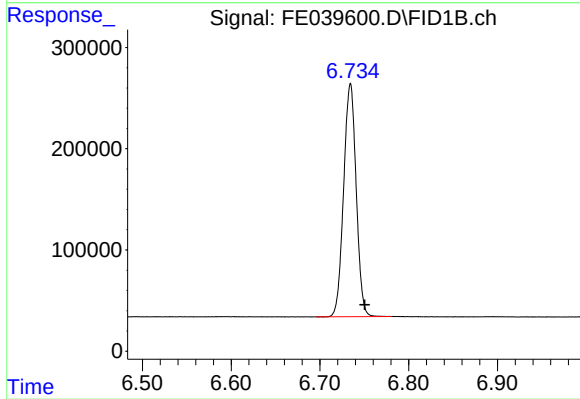
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.016 min
Response: 2214115
Conc: 17.38 ug/ml



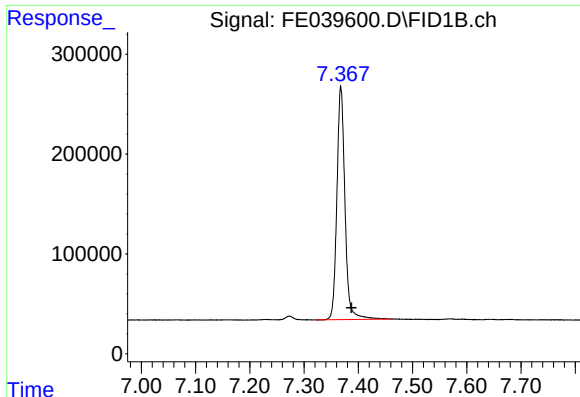
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 2550155
Conc: 17.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.016 min
Response: 2264193
Conc: 17.44 ug/ml



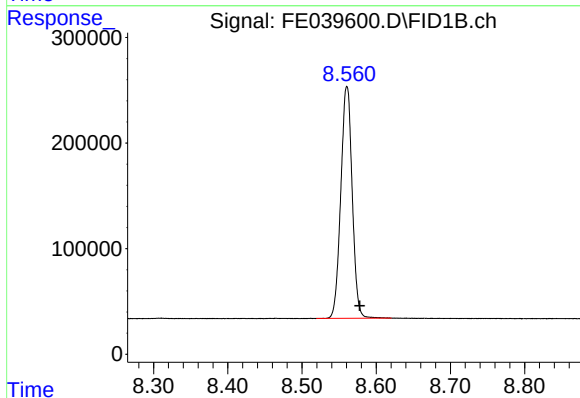
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 2417876
Conc: 17.85 ug/ml

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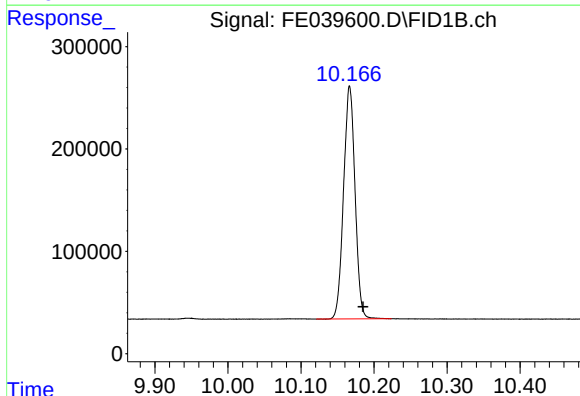
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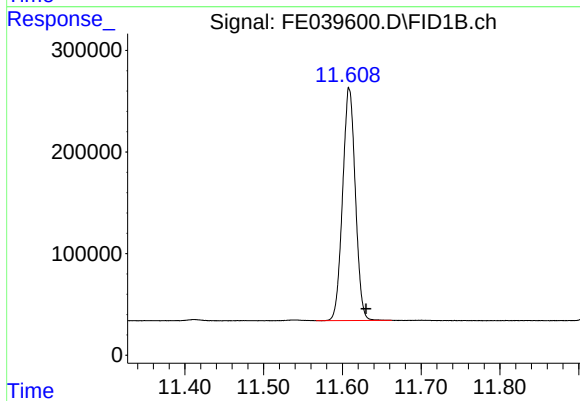
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.017 min
Response: 2347727
Conc: 17.72 ug/ml



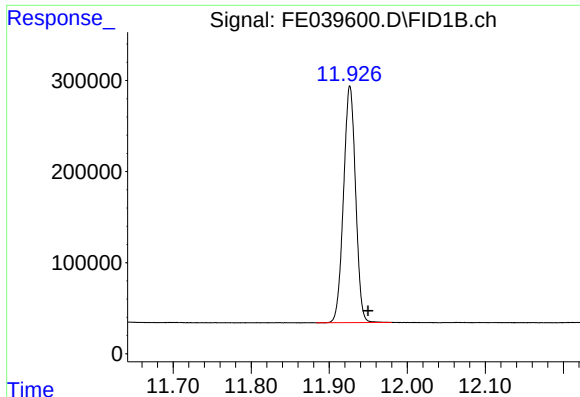
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 2484621
Conc: 18.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.022 min
Response: 2571455
Conc: 18.36 ug/ml



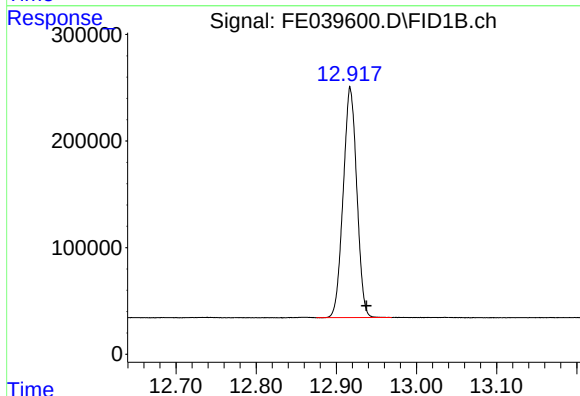
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 2789201
Conc: 18.69 ug/ml

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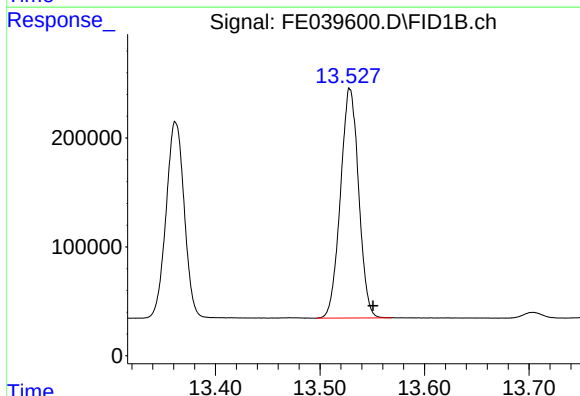
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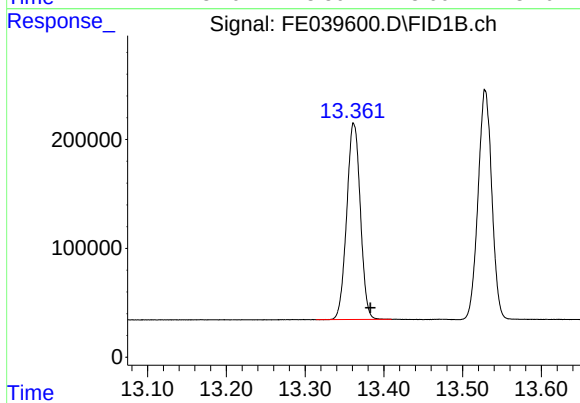
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.020 min
Response: 2547351
Conc: 18.66 ug/ml



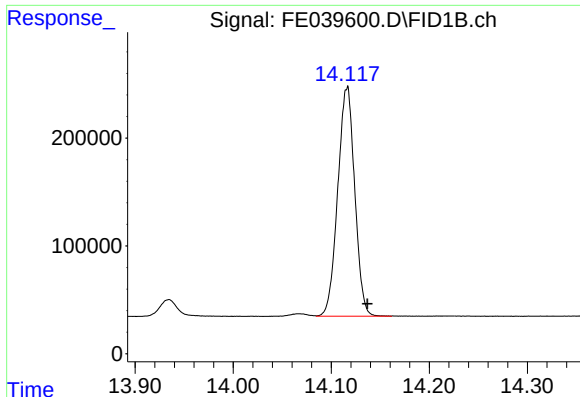
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.023 min
Response: 2554213
Conc: 18.73 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 2169726
Conc: 18.85 ug/ml



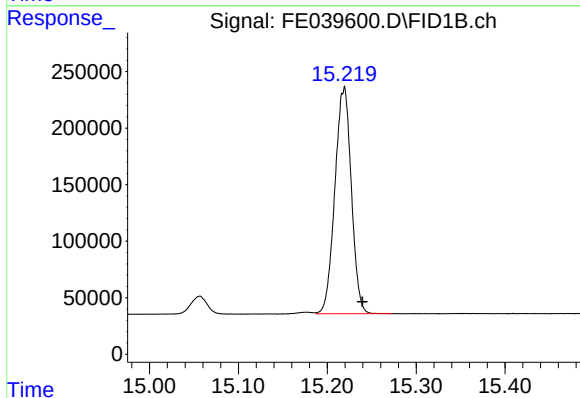
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.021 min
Response: 2558443
Conc: 18.91 ug/ml

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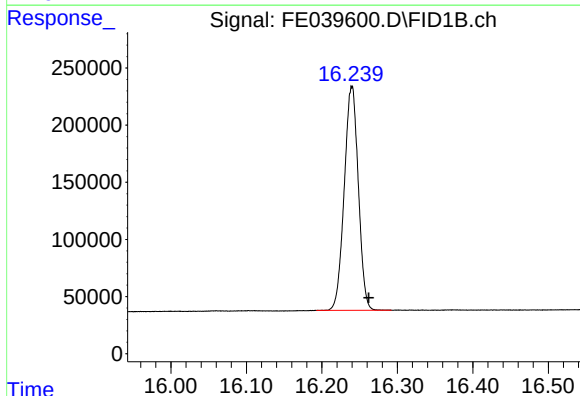
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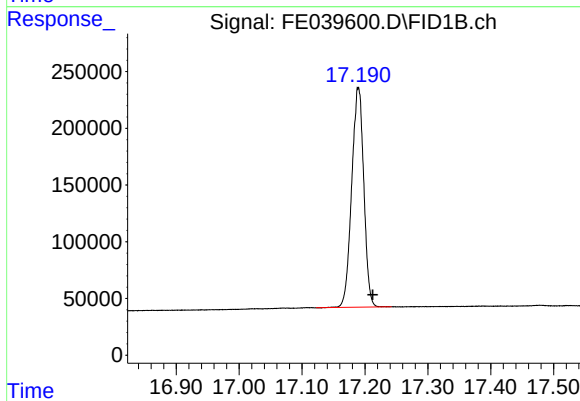
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.021 min
Response: 2580233
Conc: 19.22 ug/ml



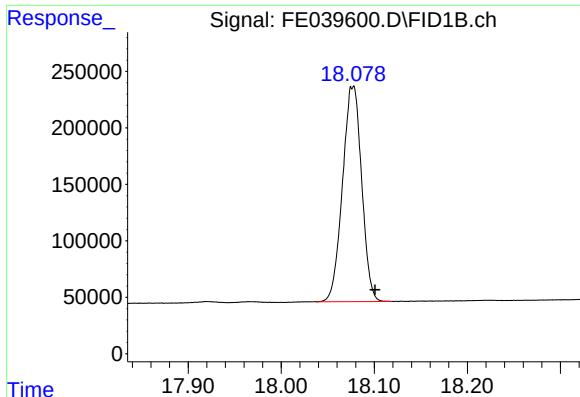
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.022 min
Response: 2540761
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.023 min
Response: 2590176
Conc: 20.13 ug/ml



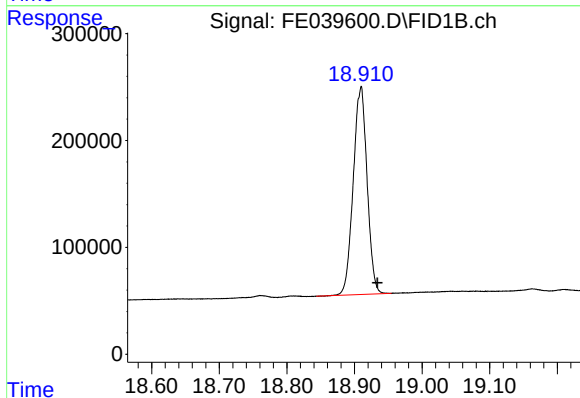
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.023 min
Response: 2724548
Conc: 21.16 ug/ml

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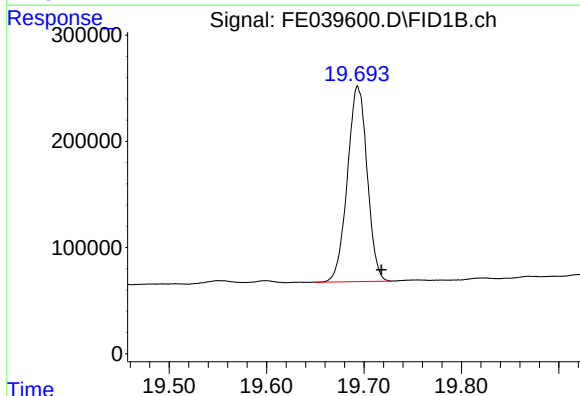
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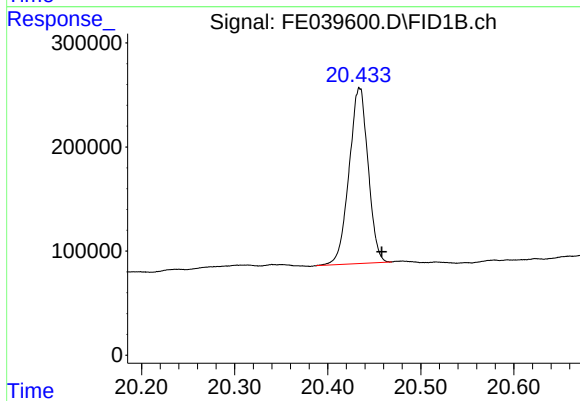
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.024 min
Response: 2771985
Conc: 21.41 ug/ml



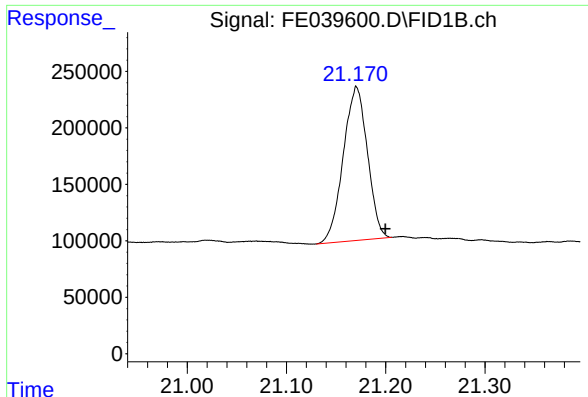
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.024 min
Response: 2597794
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.025 min
Response: 2393776
Conc: 19.80 ug/ml m



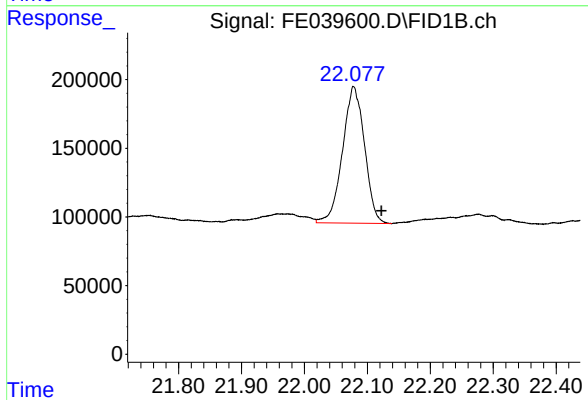
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.030 min
Response: 2304906
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.044 min
Response: 2417801
Conc: 19.25 ug/ml