

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039423.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2022 00:27
 Operator : YP\AJ
 Sample : PB149778BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149778BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e
 Quant Time: Dec 21 03:11:45 2022
 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)	11.934	6908573	46.294 ug/ml
Spiked Amount 50.000		Recovery =	92.59%
12) S 1-chlorooctadecane (S...	13.368	5575724	48.443 ug/ml
Spiked Amount 50.000		Recovery =	96.89%
Target Compounds			
1) T n-Nonane (C9)	3.334	4502084	34.830 ug/ml
2) T n-Decane (C10)	4.581	4793093	37.616 ug/ml
3) T A~Naphthalene (C11.7)	6.280	5527498	38.237 ug/ml
4) T n-Dodecane (C12)	6.740	5295093	40.786 ug/ml
5) T A~2-methylnaphthalene...	7.375	5700820	42.094 ug/ml
6) T n-Tetradecane (C14)	8.568	5998939	45.271 ug/ml
7) T n-Hexadecane (C16)	10.173	6690673	48.633 ug/ml
8) T n-Octadecane (C18)	11.616	7148752	51.040 ug/ml
10) T n-Eicosane (C20)	12.926	7065396	51.759 ug/ml
11) T n-Heneicosane (C21)	13.536	6988682	51.240 ug/ml
13) T n-Docosane (C22)	14.122	6955141	51.415 ug/ml
14) T n-Tetracosane (C24)	15.221	4711224	35.096 ug/mlm
15) T n-Hexacosane (C26)	16.247	6632031	50.934 ug/ml
16) T n-Octacosane (C28)	17.194	6563372	50.997 ug/ml
17) T n-Tricontane (C30)	18.082	6216627	48.285 ug/ml
18) T n-Dotriacontane (C32)	18.914	6175784	47.689 ug/ml
19) T n-Tetratriacontane (C34)	19.697	5902629	46.786 ug/ml
20) T n-Hexatriacontane (C36)	20.436	4872115	40.293 ug/ml
21) T n-Octatriacontane (C38)	21.172	4014604	32.508 ug/ml
22) T n-Tetracontane (C40)	22.084	3579186	28.500 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149778BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

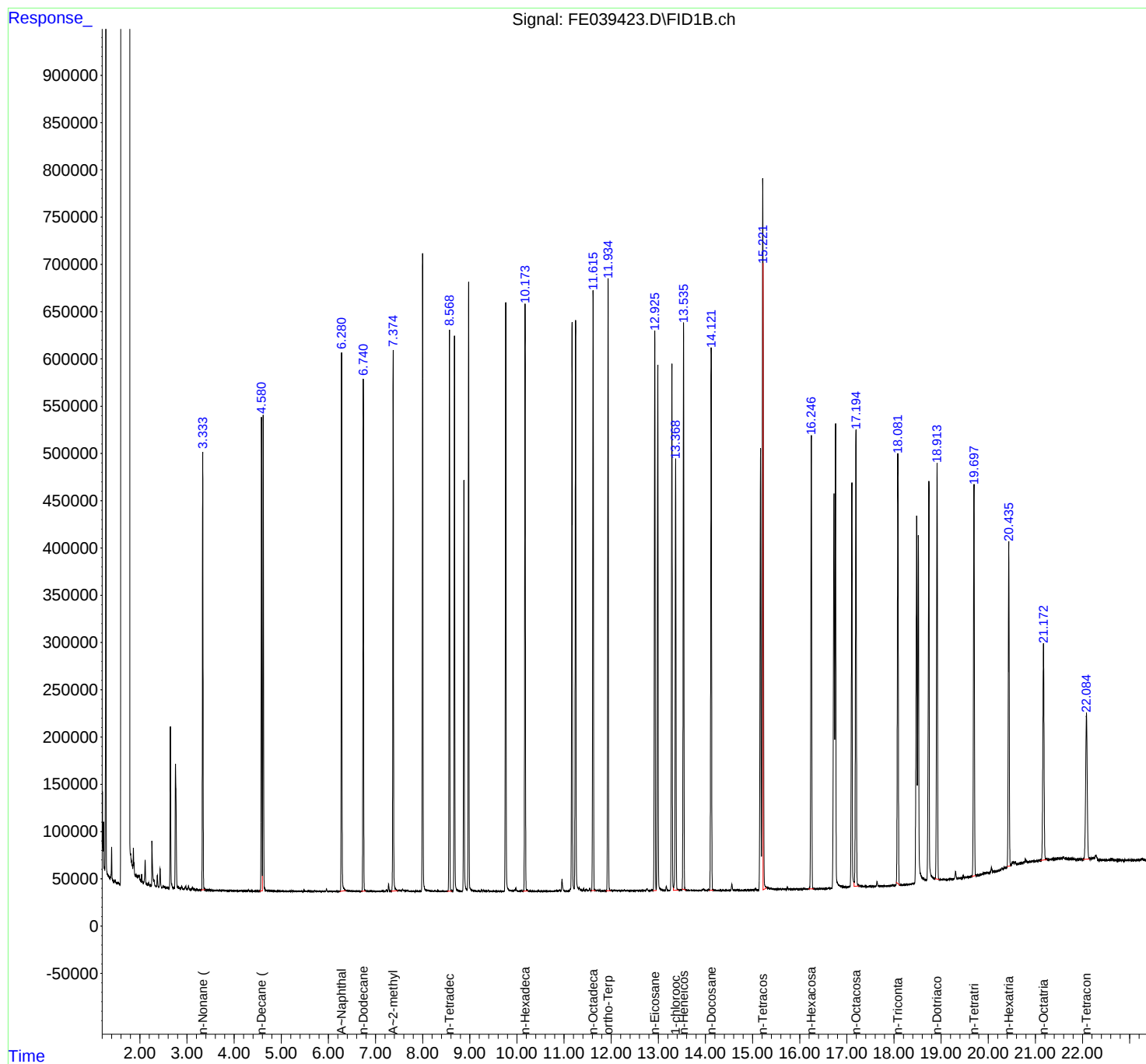
Instrument :
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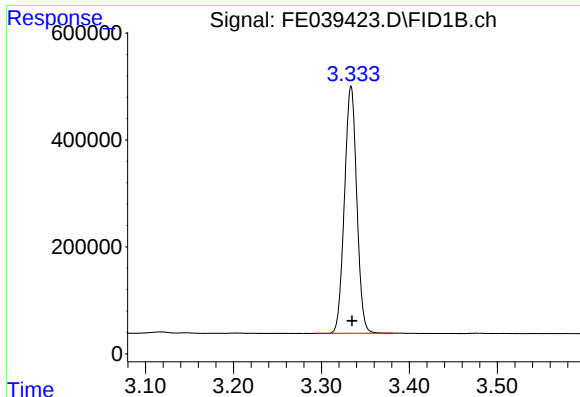
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#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 4502084
Conc: 34.83 ug/ml

Instrument :

FID_E

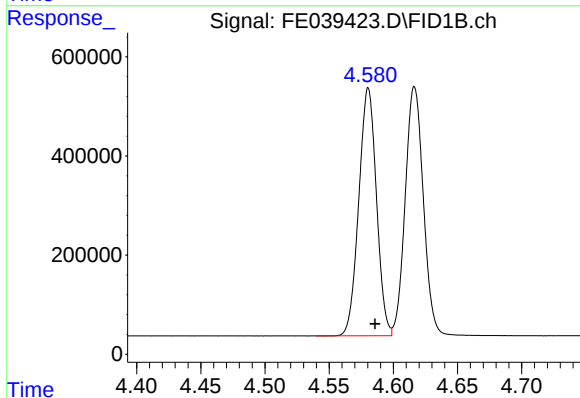
ClientSampleId :

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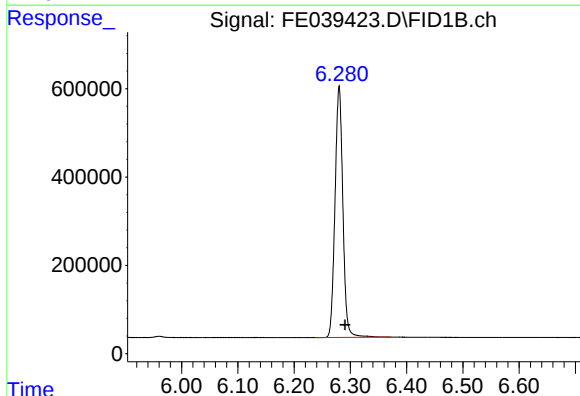
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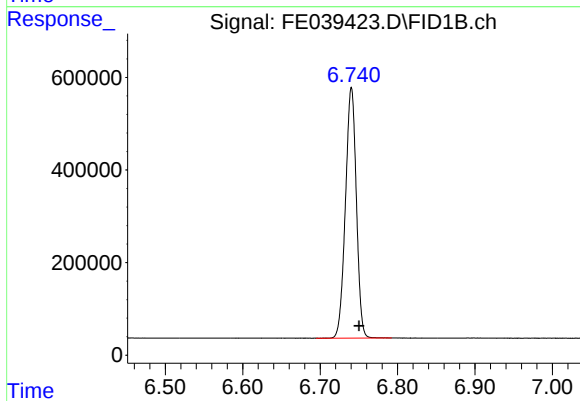
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.005 min
Response: 4793093
Conc: 37.62 ug/ml



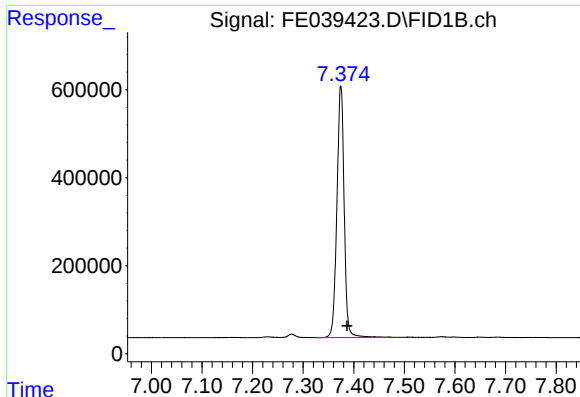
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 5527498
Conc: 38.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.010 min
Response: 5295093
Conc: 40.79 ug/ml



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

R.T.: 7.375 min
Delta R.T.: -0.013 min
Response: 5700820
Conc: 42.09 ug/ml

Instrument :

FID_E

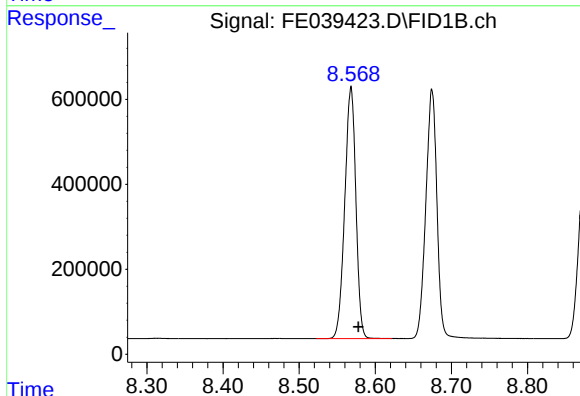
ClientSampleId :

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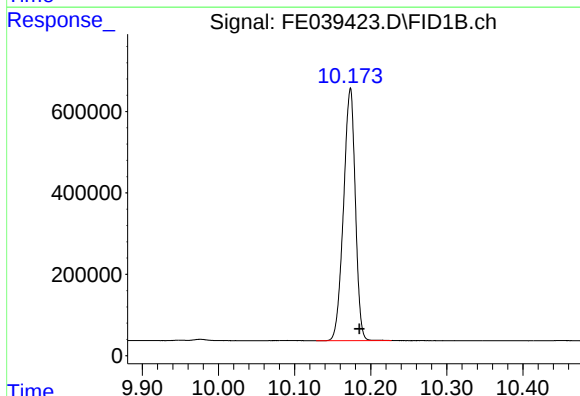
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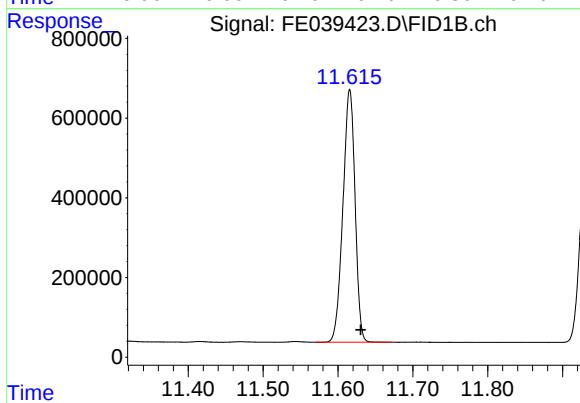
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.010 min
Response: 5998939
Conc: 45.27 ug/ml



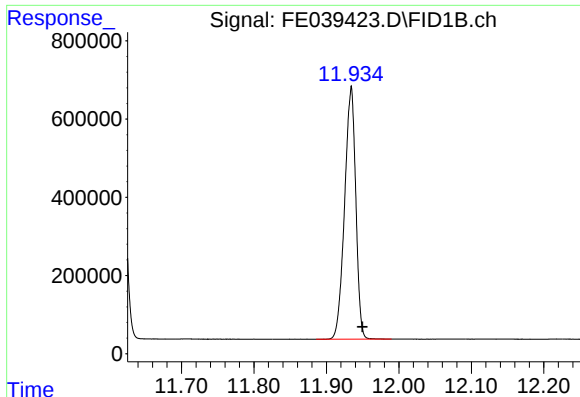
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 6690673
Conc: 48.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.015 min
Response: 7148752
Conc: 51.04 ug/ml



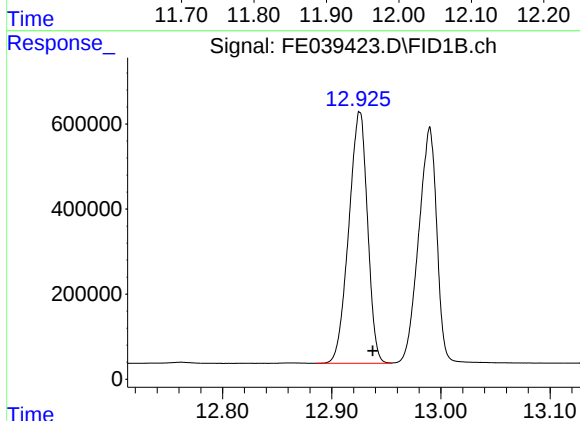
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.015 min
Response: 6908573
Conc: 46.29 ug/ml

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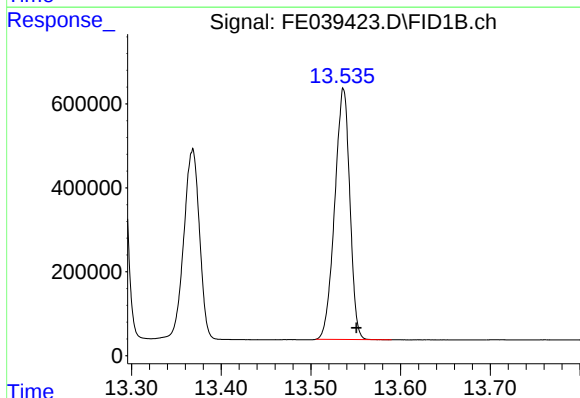
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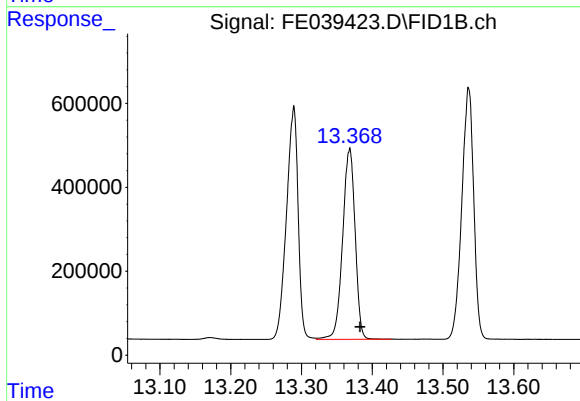
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.012 min
Response: 7065396
Conc: 51.76 ug/ml



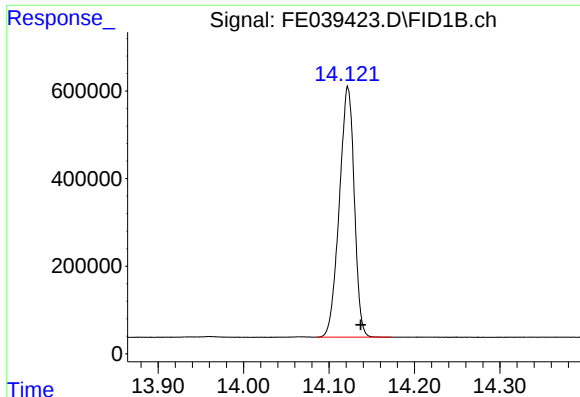
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.014 min
Response: 6988682
Conc: 51.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.015 min
Response: 5575724
Conc: 48.44 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.015 min
Response: 6955141
Conc: 51.41 ug/ml

Instrument :

FID_E

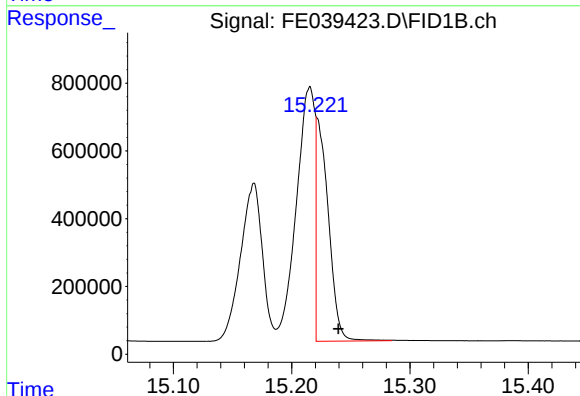
ClientSampleId :

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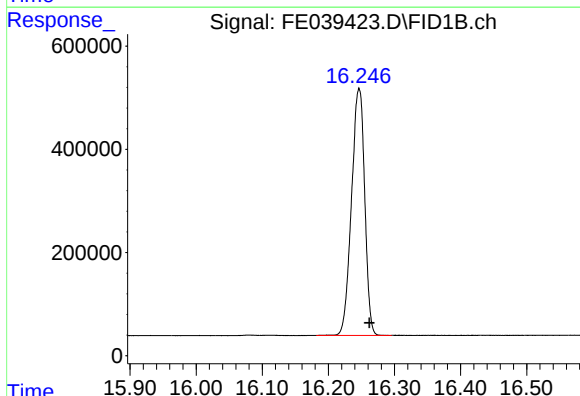
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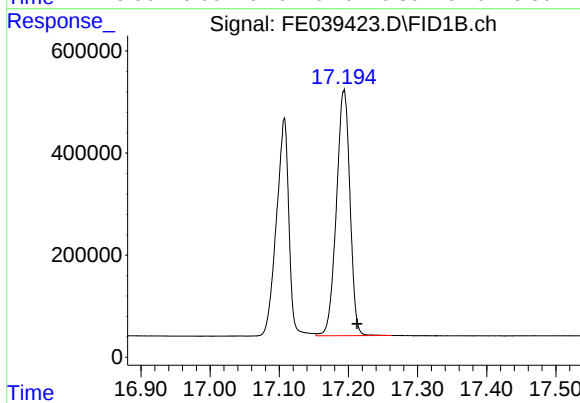
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.019 min
Response: 4711224
Conc: 35.10 ug/ml m



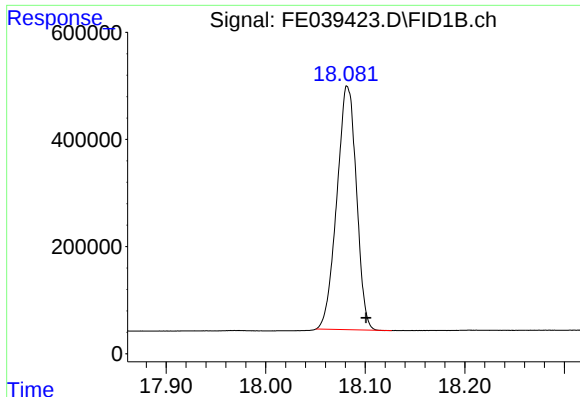
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.016 min
Response: 6632031
Conc: 50.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.019 min
Response: 6563372
Conc: 51.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.019 min
Response: 6216627
Conc: 48.28 ug/ml

Instrument :

FID_E

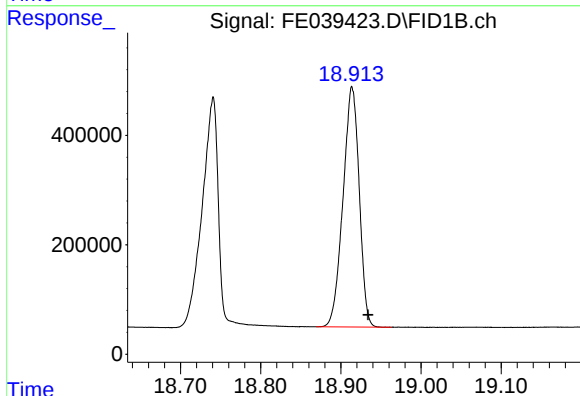
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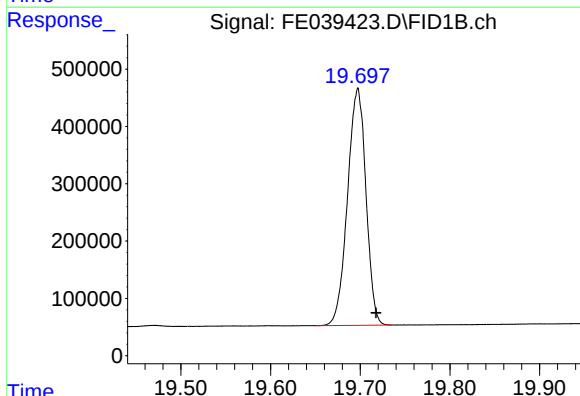
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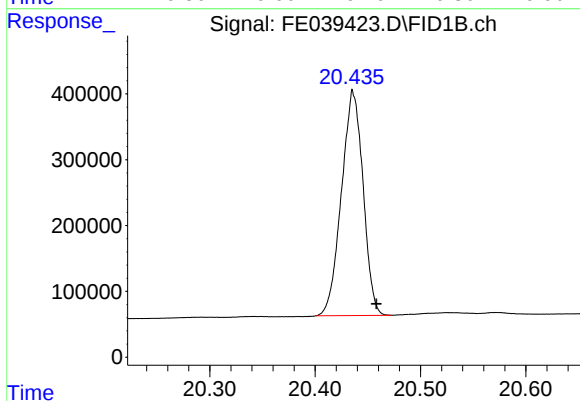
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.020 min
Response: 6175784
Conc: 47.69 ug/ml



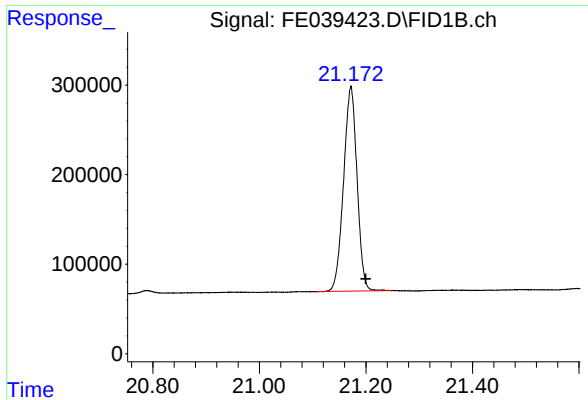
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.020 min
Response: 5902629
Conc: 46.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.022 min
Response: 4872115
Conc: 40.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.028 min
Response: 4014604
Conc: 32.51 ug/ml

Instrument :

FID_E

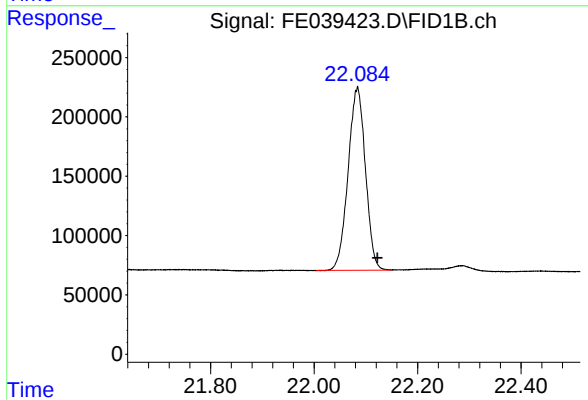
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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.038 min
Response: 3579186
Conc: 28.50 ug/ml