

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039408.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 15:44
 Operator : YP\AJ
 Sample : PB149771BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149771BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 20 17:51:55 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)	11.936	6889225	46.164 ug/ml
Spiked Amount 50.000		Recovery =	92.33%
12) S 1-chlorooctadecane (S...	13.371	5535254	48.091 ug/ml
Spiked Amount 50.000		Recovery =	96.18%
Target Compounds			
1) T n-Nonane (C9)	3.334	4502932	34.837 ug/ml
2) T n-Decane (C10)	4.581	4792803	37.614 ug/ml
3) T A~Naphthalene (C11.7)	6.282	5516794	38.163 ug/ml
4) T n-Dodecane (C12)	6.742	5293605	40.775 ug/ml
5) T A~2-methylnaphthalene...	7.376	5682975	41.962 ug/ml
6) T n-Tetradecane (C14)	8.570	5990264	45.206 ug/ml
7) T n-Hexadecane (C16)	10.175	6680652	48.561 ug/ml
8) T n-Octadecane (C18)	11.618	7133427	50.931 ug/ml
10) T n-Eicosane (C20)	12.927	7044682	51.607 ug/ml
11) T n-Heneicosane (C21)	13.538	6991628	51.262 ug/ml
13) T n-Docosane (C22)	14.124	6934316	51.261 ug/ml
14) T n-Tetracosane (C24)	15.223	4217522	31.418 ug/mlm
15) T n-Hexacosane (C26)	16.249	6611158	50.773 ug/ml
16) T n-Octacosane (C28)	17.196	6545427	50.857 ug/ml
17) T n-Tricontane (C30)	18.087	6227402	48.368 ug/ml
18) T n-Dotriacontane (C32)	18.917	6143170	47.437 ug/ml
19) T n-Tetratriacontane (C34)	19.701	5872136	46.544 ug/ml
20) T n-Hexatriacontane (C36)	20.440	4852548	40.131 ug/ml
21) T n-Octatriacontane (C38)	21.176	3994776	32.347 ug/ml
22) T n-Tetracontane (C40)	22.089	3545660	28.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149771BSD
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ALS Vial : 9 Sample Multiplier: 1

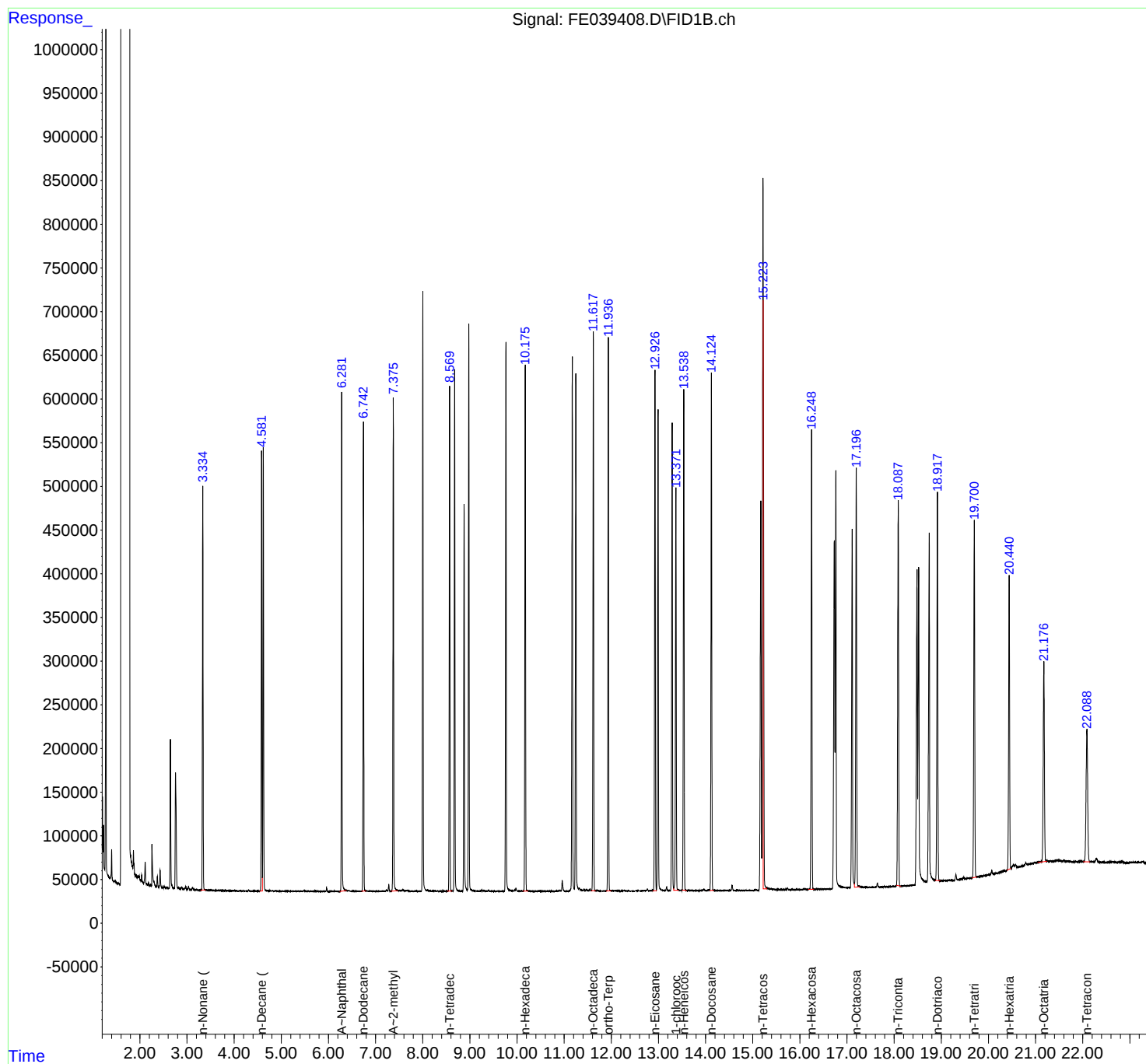
Instrument :
FID_E
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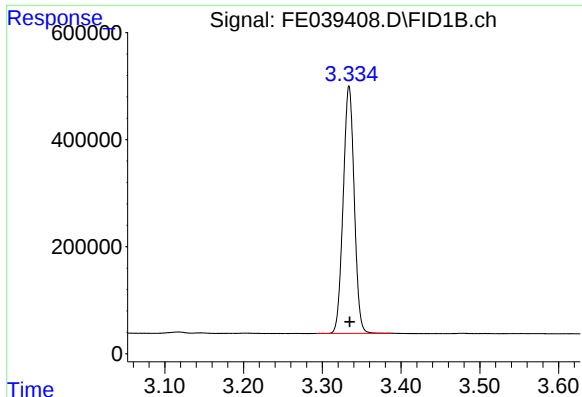
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#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 4502932
Conc: 34.84 ug/ml

Instrument :

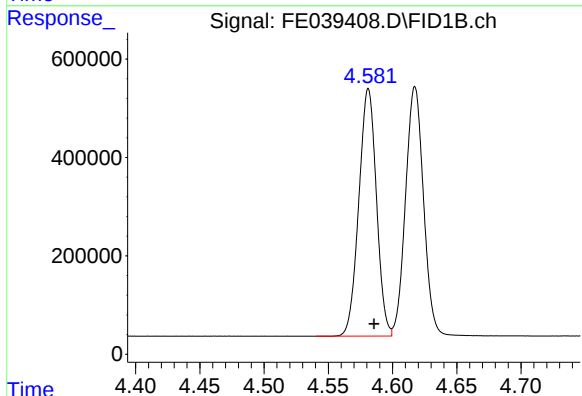
FID_E

ClientSampleId :

PB149771BSD

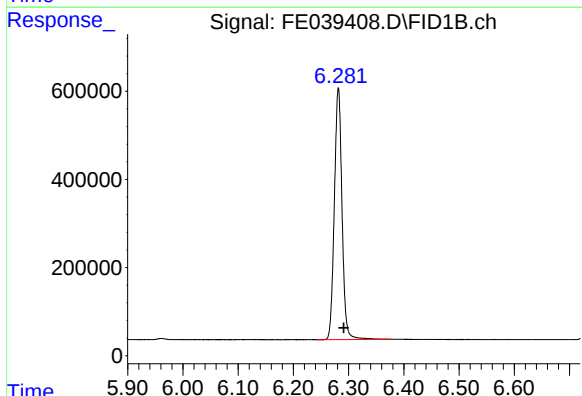
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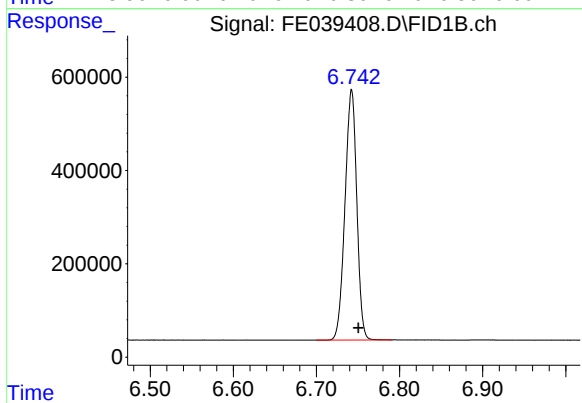
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.005 min
Response: 4792803
Conc: 37.61 ug/ml



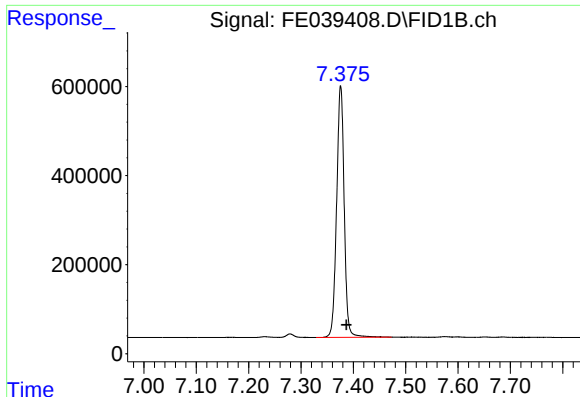
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.009 min
Response: 5516794
Conc: 38.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.008 min
Response: 5293605
Conc: 40.77 ug/ml



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

R.T.: 7.376 min
Delta R.T.: -0.011 min
Response: 5682975
Conc: 41.96 ug/ml

Instrument :

FID_E

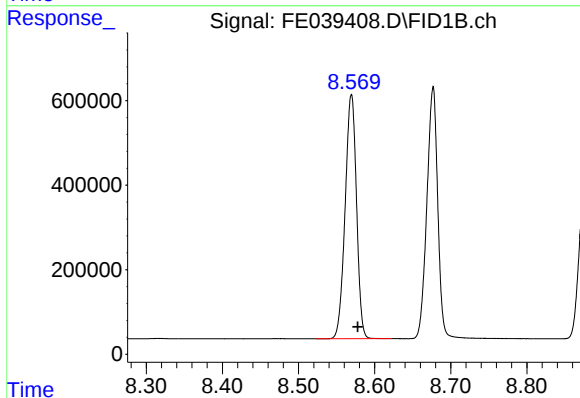
ClientSampleId :

PB149771BSD

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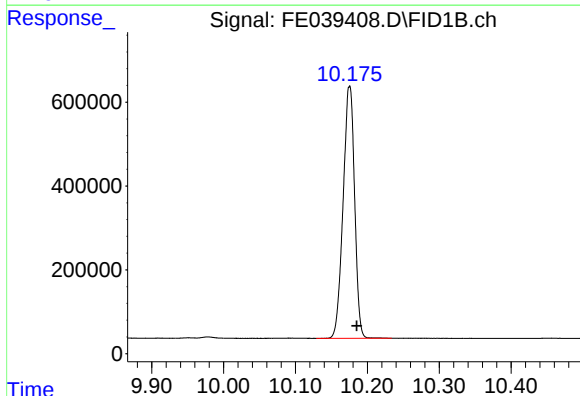
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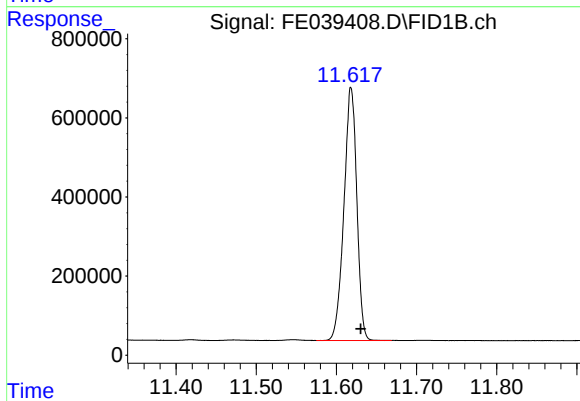
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.008 min
Response: 5990264
Conc: 45.21 ug/ml



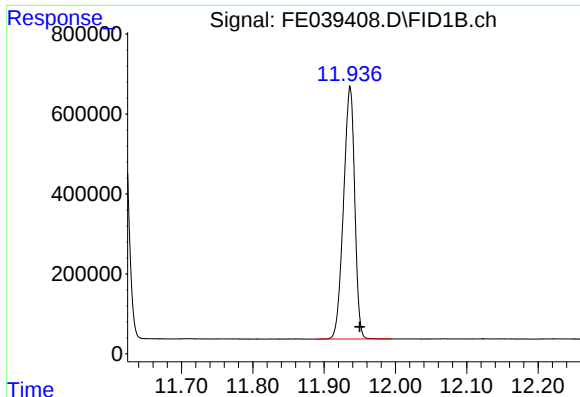
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.010 min
Response: 6680652
Conc: 48.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.012 min
Response: 7133427
Conc: 50.93 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.013 min
Response: 6889225
Conc: 46.16 ug/ml

Instrument :

FID_E

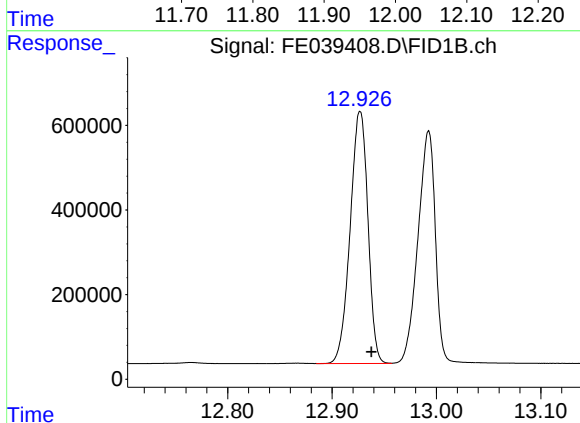
ClientSampleId :

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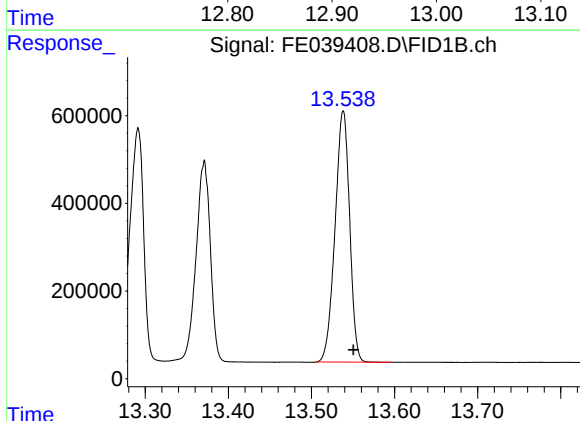
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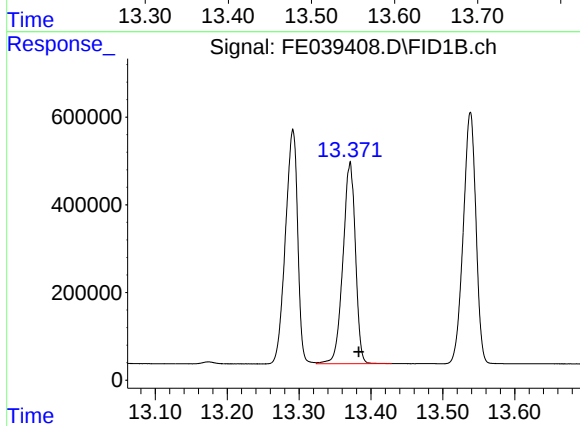
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.011 min
Response: 7044682
Conc: 51.61 ug/ml



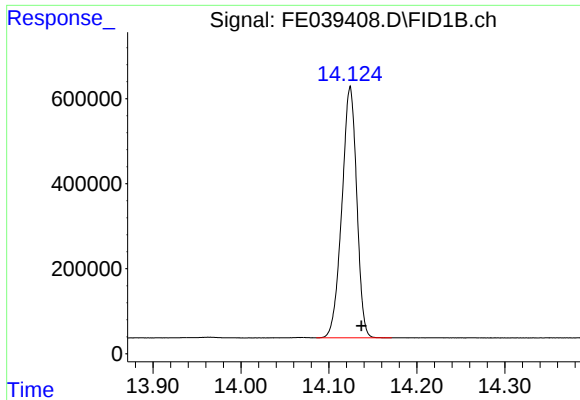
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.012 min
Response: 6991628
Conc: 51.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.012 min
Response: 5535254
Conc: 48.09 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.013 min
Response: 6934316
Conc: 51.26 ug/ml

Instrument :

FID_E

ClientSampleId :

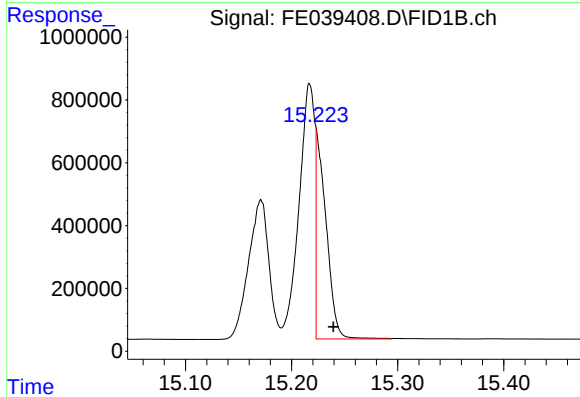
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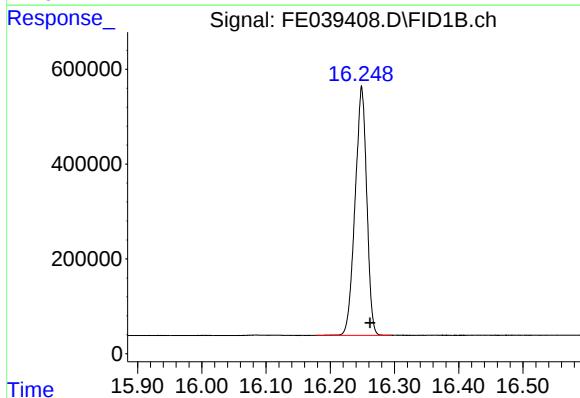
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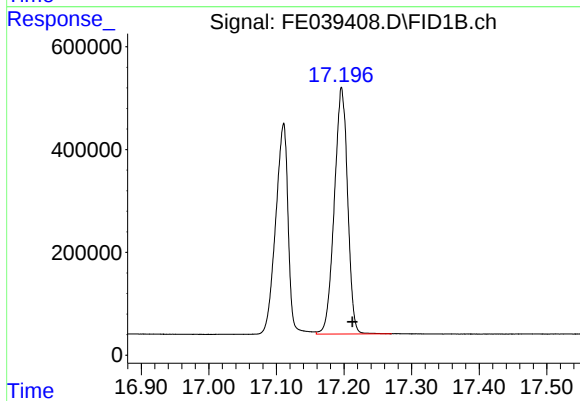
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.017 min
Response: 4217522
Conc: 31.42 ug/ml m



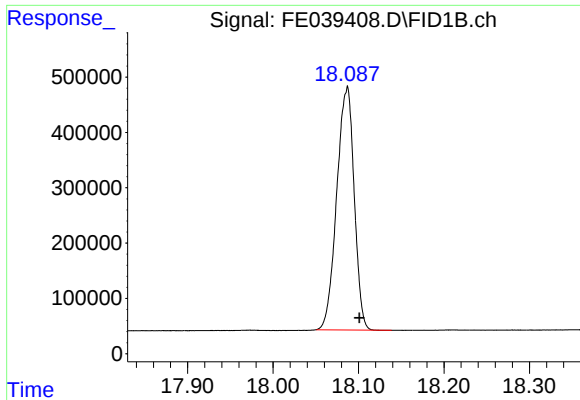
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 6611158
Conc: 50.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 6545427
Conc: 50.86 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.014 min
Response: 6227402
Conc: 48.37 ug/ml

Instrument :

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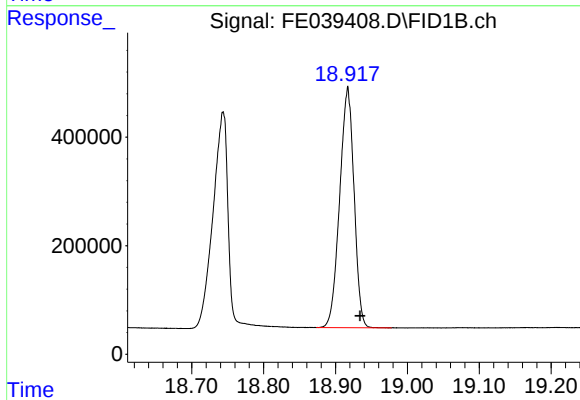
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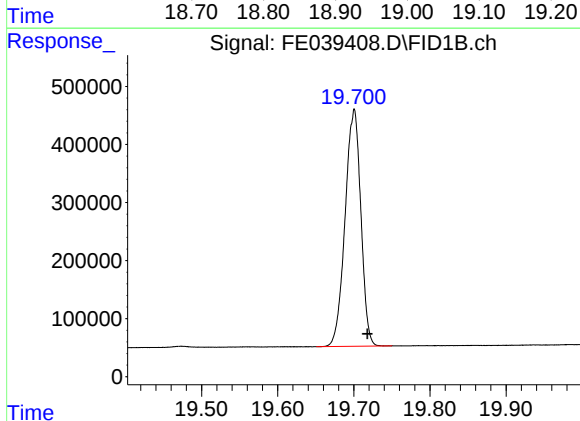
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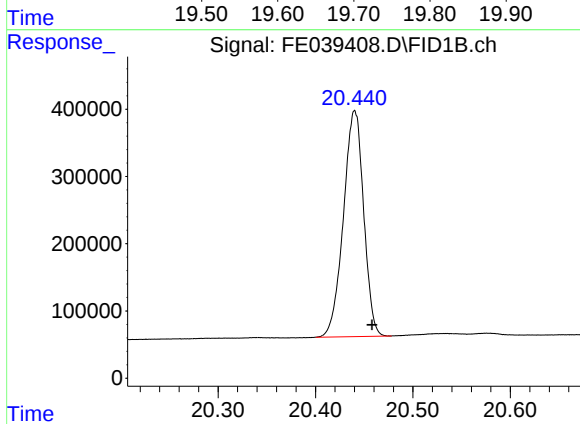
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 6143170
Conc: 47.44 ug/ml



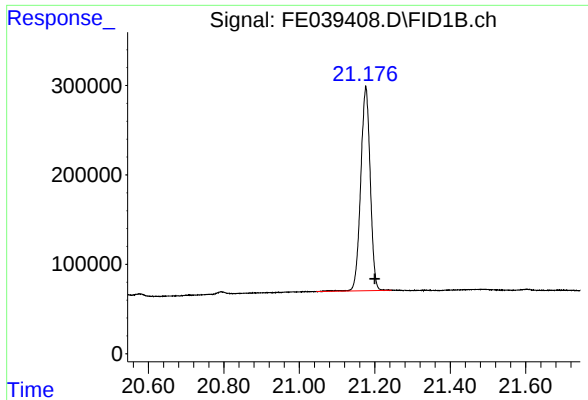
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 5872136
Conc: 46.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.018 min
Response: 4852548
Conc: 40.13 ug/ml



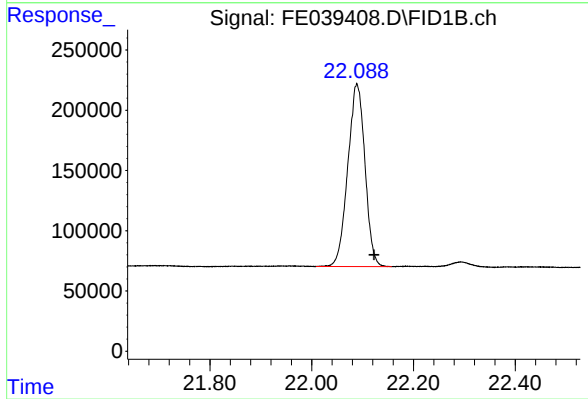
#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.023 min
Response: 3994776
Conc: 32.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.034 min
Response: 3545660
Conc: 28.23 ug/ml