

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038451.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2022 17:26
 Operator : YP\AJ
 Sample : PB148684BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148684BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:43:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.972	7265971	42.226 ug/ml
Spiked Amount 50.000		Recovery =	84.45%
12) S 1-chlorooctadecane (S...	13.403	5798326	42.354 ug/ml
Spiked Amount 50.000		Recovery =	84.71%
Target Compounds			
1) T n-Nonane (C9)	3.378	6215265	40.356 ug/ml
2) T n-Decane (C10)	4.620	6456642	41.596 ug/ml
3) T A~Naphthalene (C11.7)	6.317	7276877	42.969 ug/ml
4) T n-Dodecane (C12)	6.777	7077305	45.304 ug/ml
5) T A~2-methylnaphthalene...	7.411	7334321	43.765 ug/ml
6) T n-Tetradecane (C14)	8.605	7536448	48.191 ug/ml
7) T n-Hexadecane (C16)	10.210	7797882	49.357 ug/ml
8) T n-Octadecane (C18)	11.652	7982348	49.834 ug/ml
10) T n-Eicosane (C20)	12.961	7750452	48.101 ug/ml
11) T n-Heneicosane (C21)	13.571	7673179	47.502 ug/ml
13) T n-Docosane (C22)	14.157	7582512	46.968 ug/ml
14) T n-Tetracosane (C24)	15.245	13893106	86.616 ug/ml
15) T n-Hexacosane (C26)	16.279	7213430	45.414 ug/ml
16) T n-Octacosane (C28)	17.226	7102646	45.271 ug/ml
17) T n-Tricontane (C30)	18.114	6767535	42.414 ug/ml
18) T n-Dotriacontane (C32)	18.943	6743321	42.769 ug/ml
19) T n-Tetratriacontane (C34)	19.728	6709807	45.513 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	6453283	45.164 ug/ml
21) T n-Octatriacontane (C38)	21.208	6442535	47.700 ug/ml
22) T n-Tetracontane (C40)	22.136	6587244	52.185 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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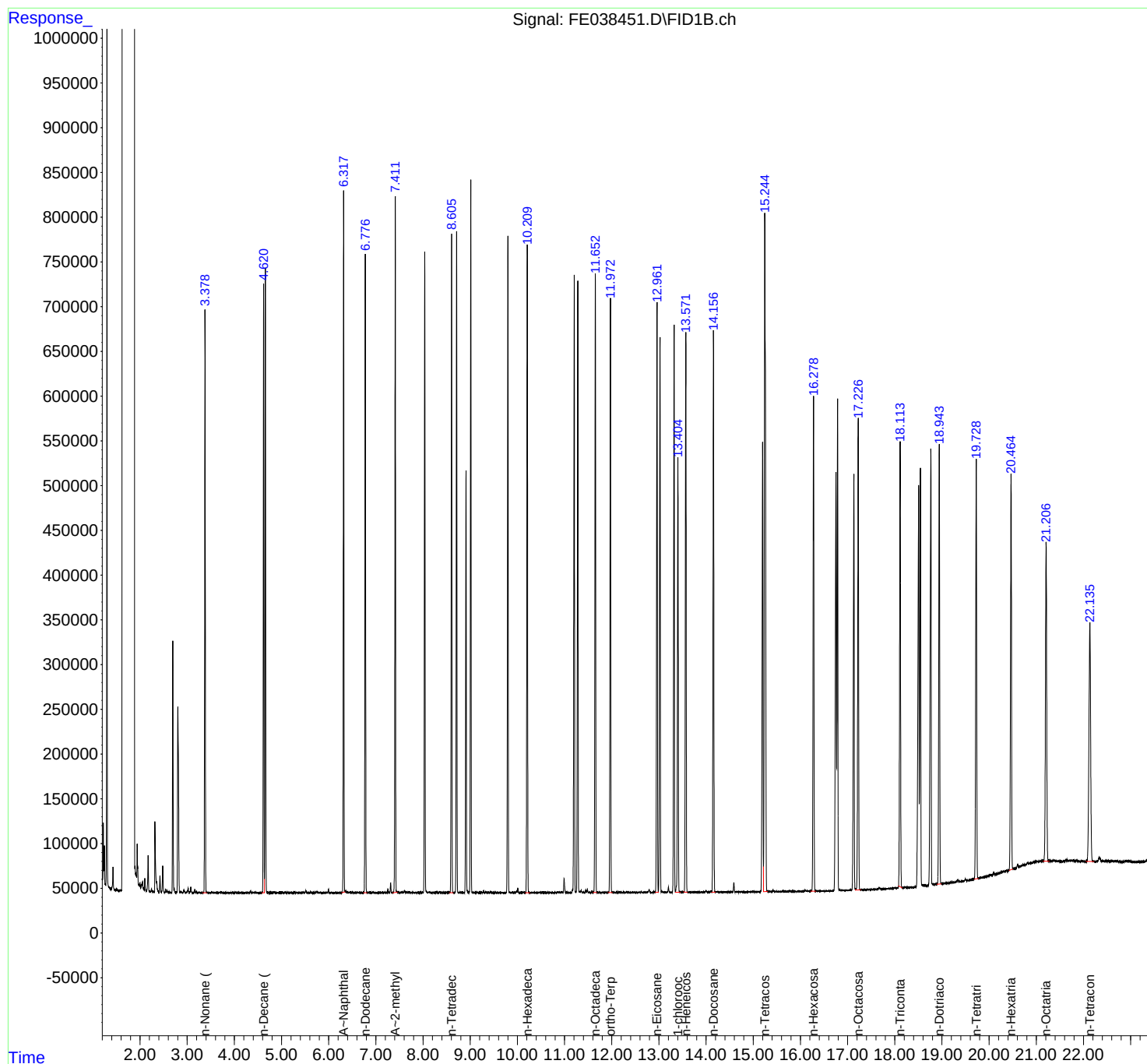
Instrument :
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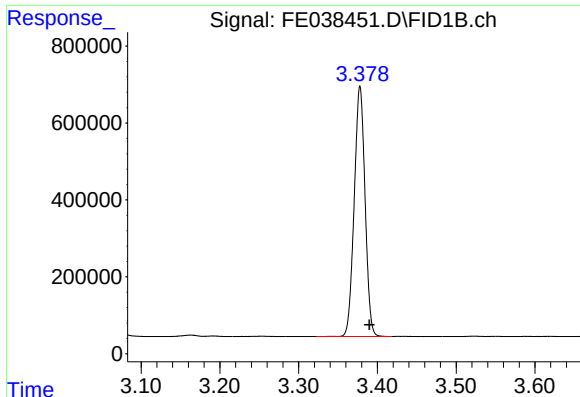
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#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.012 min
Response: 6215265
Conc: 40.36 ug/ml

Instrument :

FID_E

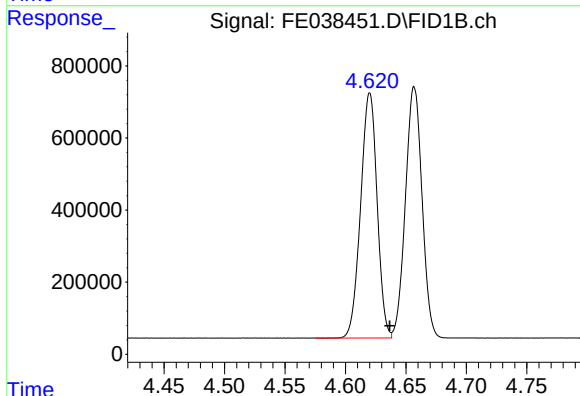
ClientSampleId :

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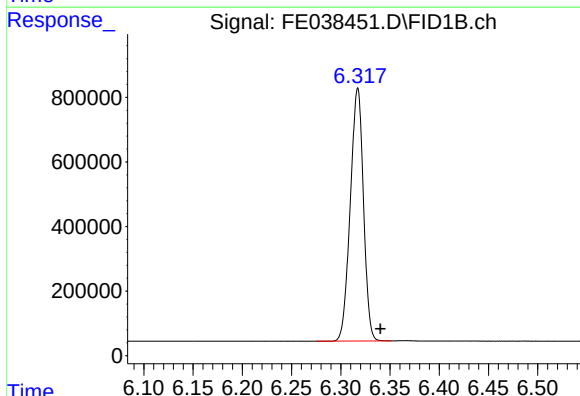
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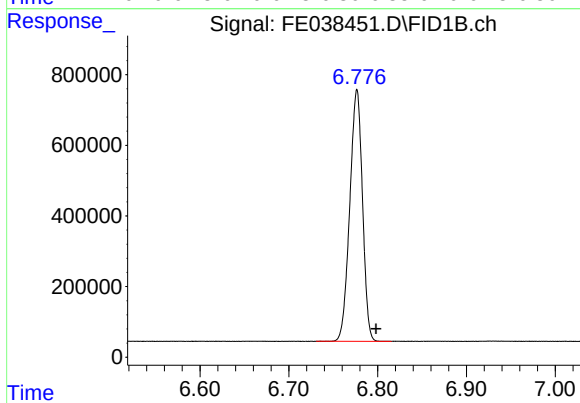
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.017 min
Response: 6456642
Conc: 41.60 ug/ml



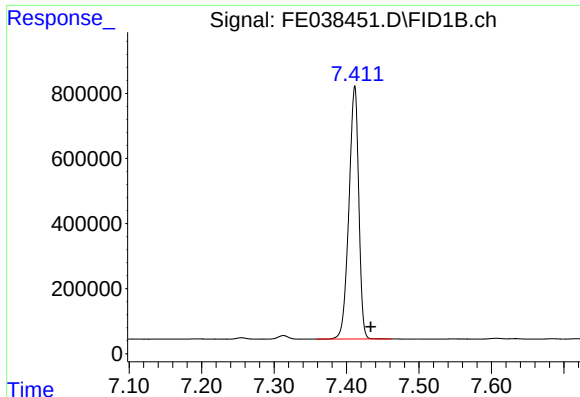
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.023 min
Response: 7276877
Conc: 42.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.022 min
Response: 7077305
Conc: 45.30 ug/ml



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

R.T.: 7.411 min
Delta R.T.: -0.022 min
Response: 7334321
Conc: 43.76 ug/ml

Instrument :

FID_E

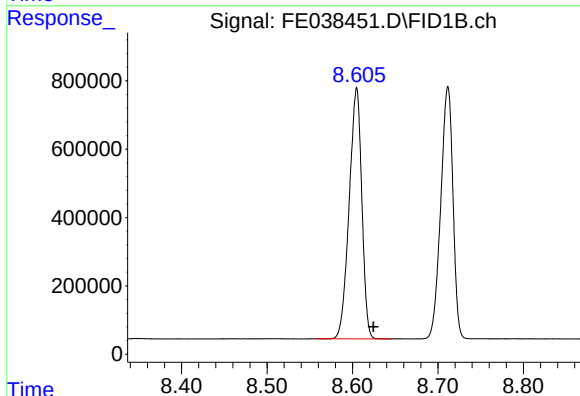
ClientSampleId :

PB148684BS

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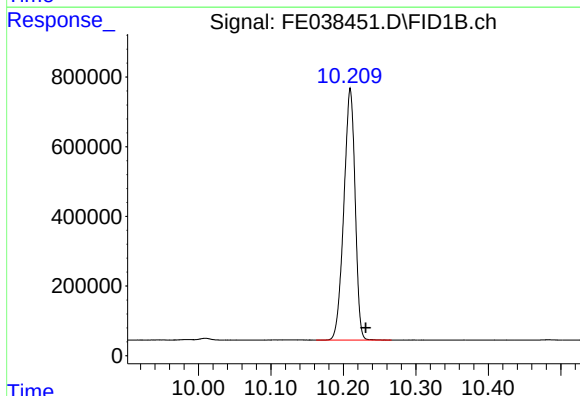
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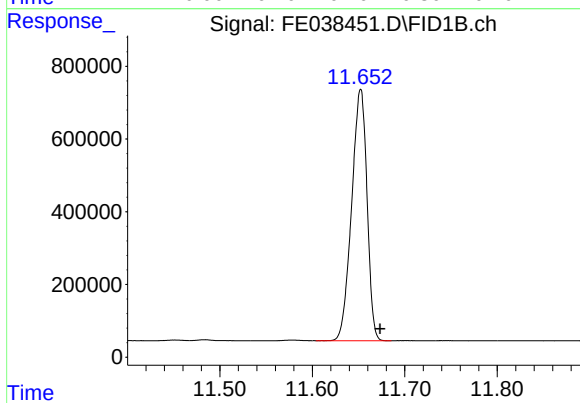
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.019 min
Response: 7536448
Conc: 48.19 ug/ml



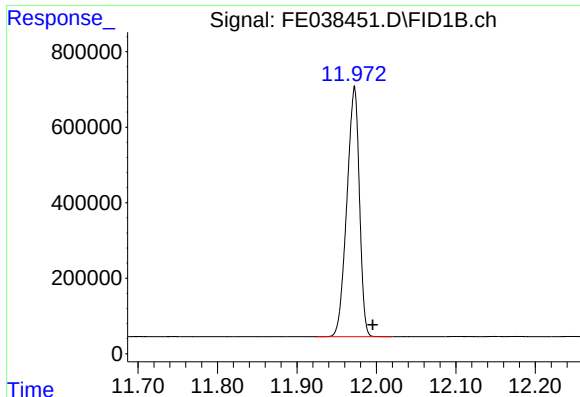
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.021 min
Response: 7797882
Conc: 49.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 7982348
Conc: 49.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.023 min
Response: 7265971
Conc: 42.23 ug/ml

Instrument :

FID_E

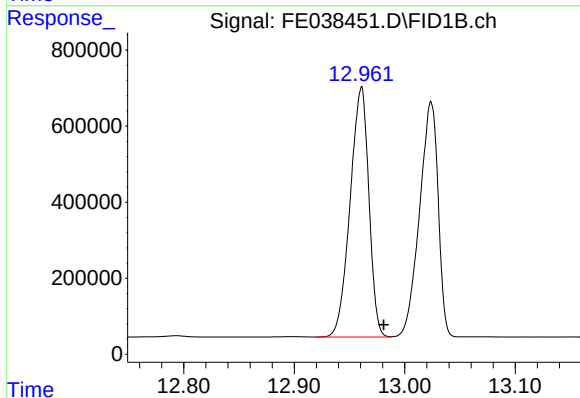
ClientSampleId :

PB148684BS

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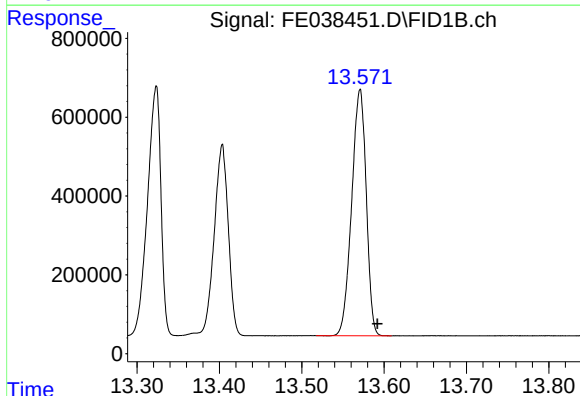
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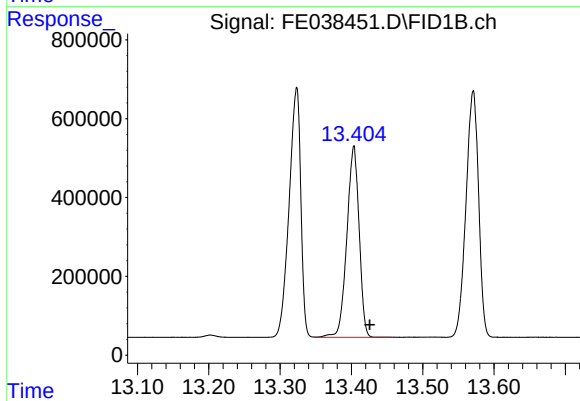
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.020 min
Response: 7750452
Conc: 48.10 ug/ml



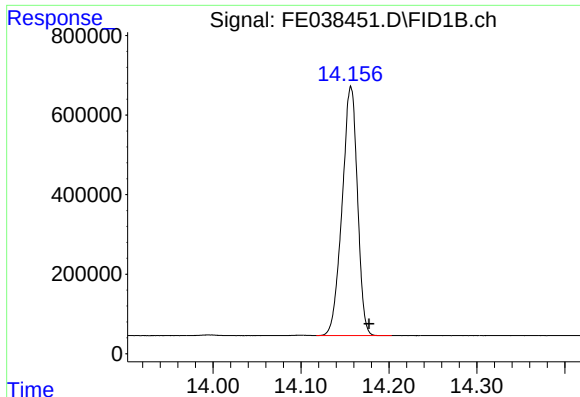
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.021 min
Response: 7673179
Conc: 47.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.022 min
Response: 5798326
Conc: 42.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.157 min
Delta R.T.: -0.021 min
Response: 7582512
Conc: 46.97 ug/ml

Instrument :

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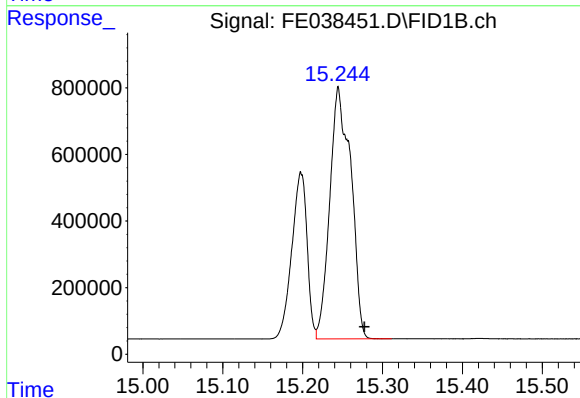
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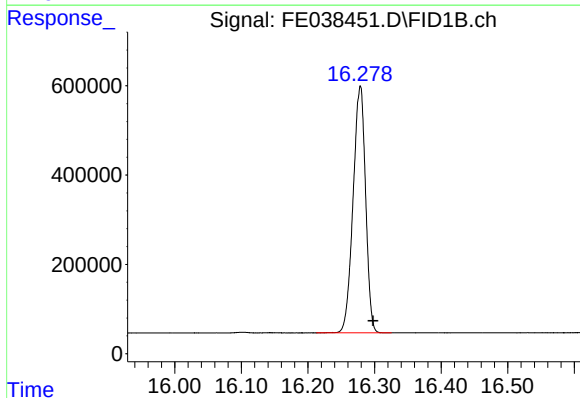
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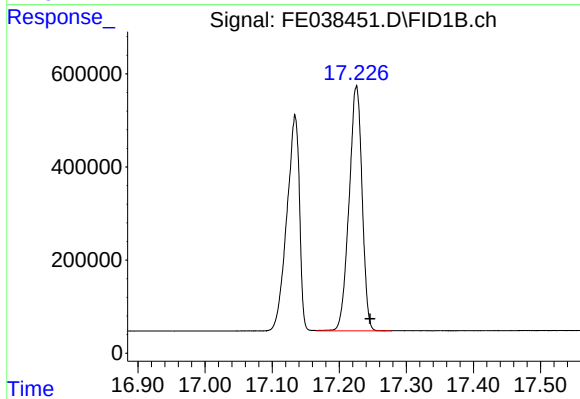
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.033 min
Response: 13893106
Conc: 86.62 ug/ml



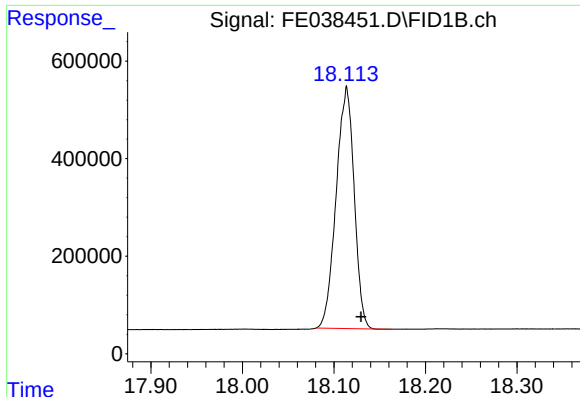
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.019 min
Response: 7213430
Conc: 45.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.020 min
Response: 7102646
Conc: 45.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.016 min
Response: 6767535
Conc: 42.41 ug/ml

Instrument :

FID_E

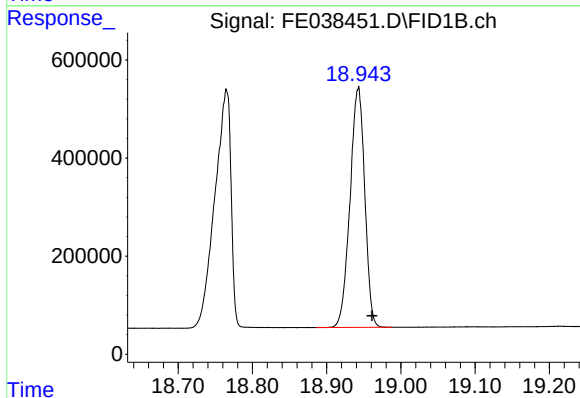
ClientSampleId :

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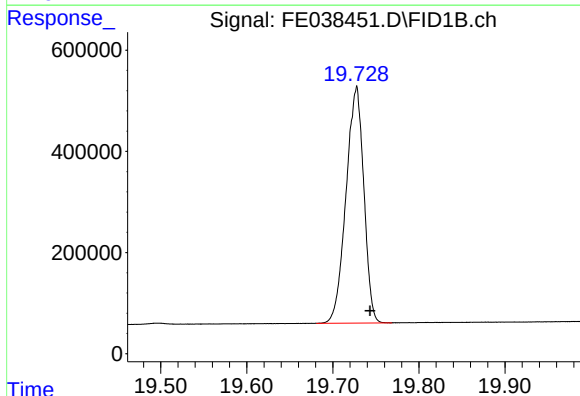
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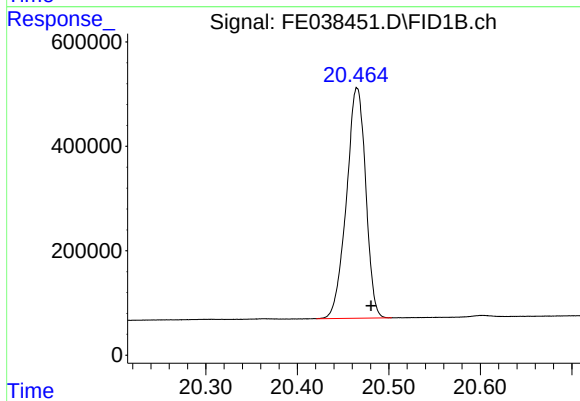
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.019 min
Response: 6743321
Conc: 42.77 ug/ml



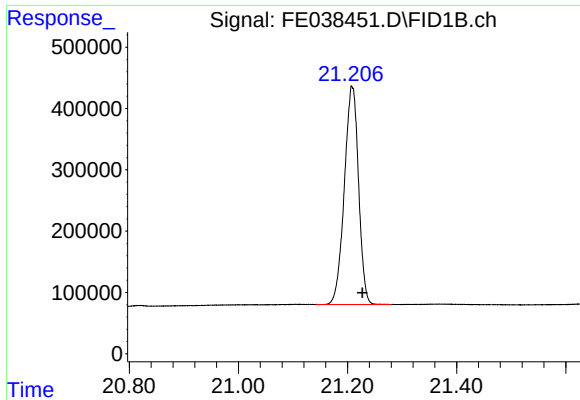
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.016 min
Response: 6709807
Conc: 45.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 6453283
Conc: 45.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6442535
Conc: 47.70 ug/ml

Instrument :

FID_E

ClientSampleId :

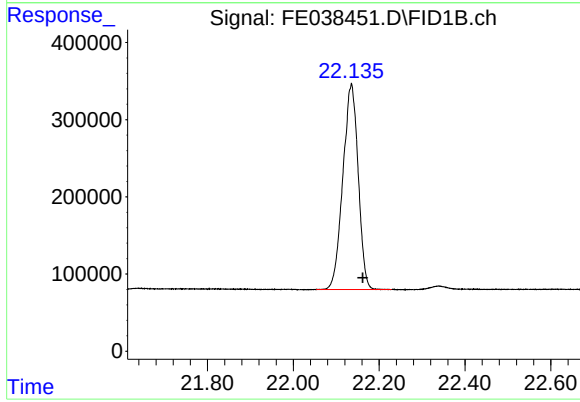
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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.026 min
Response: 6587244
Conc: 52.18 ug/ml