

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039214.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2022 14:59
 Operator : YP\AJ
 Sample : PB149512BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149512BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 11 02:57:08 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			
9) S ortho-Terphenyl (SURR)	11.943	6722805	42.974 ug/ml
Spiked Amount 50.000		Recovery =	85.95%
12) S 1-chlorooctadecane (S...	13.376	5045998	41.792 ug/ml
Spiked Amount 50.000		Recovery =	83.58%
Target Compounds			
1) T n-Nonane (C9)	3.344	5274188	37.208 ug/ml
2) T n-Decane (C10)	4.590	5486494	39.364 ug/ml
3) T A~Naphthalene (C11.7)	6.289	6291601	39.557 ug/ml
4) T n-Dodecane (C12)	6.750	5754125	40.821 ug/ml
5) T A~2-methylnaphthalene...	7.383	6025467	40.259 ug/ml
6) T n-Tetradecane (C14)	8.576	5741276	40.199 ug/ml
7) T n-Hexadecane (C16)	10.181	6011250	41.114 ug/ml
8) T n-Octadecane (C18)	11.624	6220820	42.276 ug/ml
10) T n-Eicosane (C20)	12.932	6041776	42.559 ug/ml
11) T n-Heneicosane (C21)	13.543	5966088	41.985 ug/mlm
13) T n-Docosane (C22)	14.130	5970326	42.710 ug/ml
14) T n-Tetracosane (C24)	15.228	3947122	28.581 ug/mlm
15) T n-Hexacosane (C26)	16.254	5759125	42.878 ug/ml
16) T n-Octacosane (C28)	17.202	5691153	42.856 ug/ml
17) T n-Tricontane (C30)	18.091	5406776	40.942 ug/ml
18) T n-Dotriacontane (C32)	18.922	5310683	39.820 ug/ml
19) T n-Tetratriacontane (C34)	19.706	5058136	38.226 ug/mlm
20) T n-Hexatriacontane (C36)	20.444	4508416	35.093 ug/mlm
21) T n-Octatriacontane (C38)	21.183	4015995	30.648 ug/ml
22) T n-Tetracontane (C40)	22.100	3595487	26.405 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149512BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

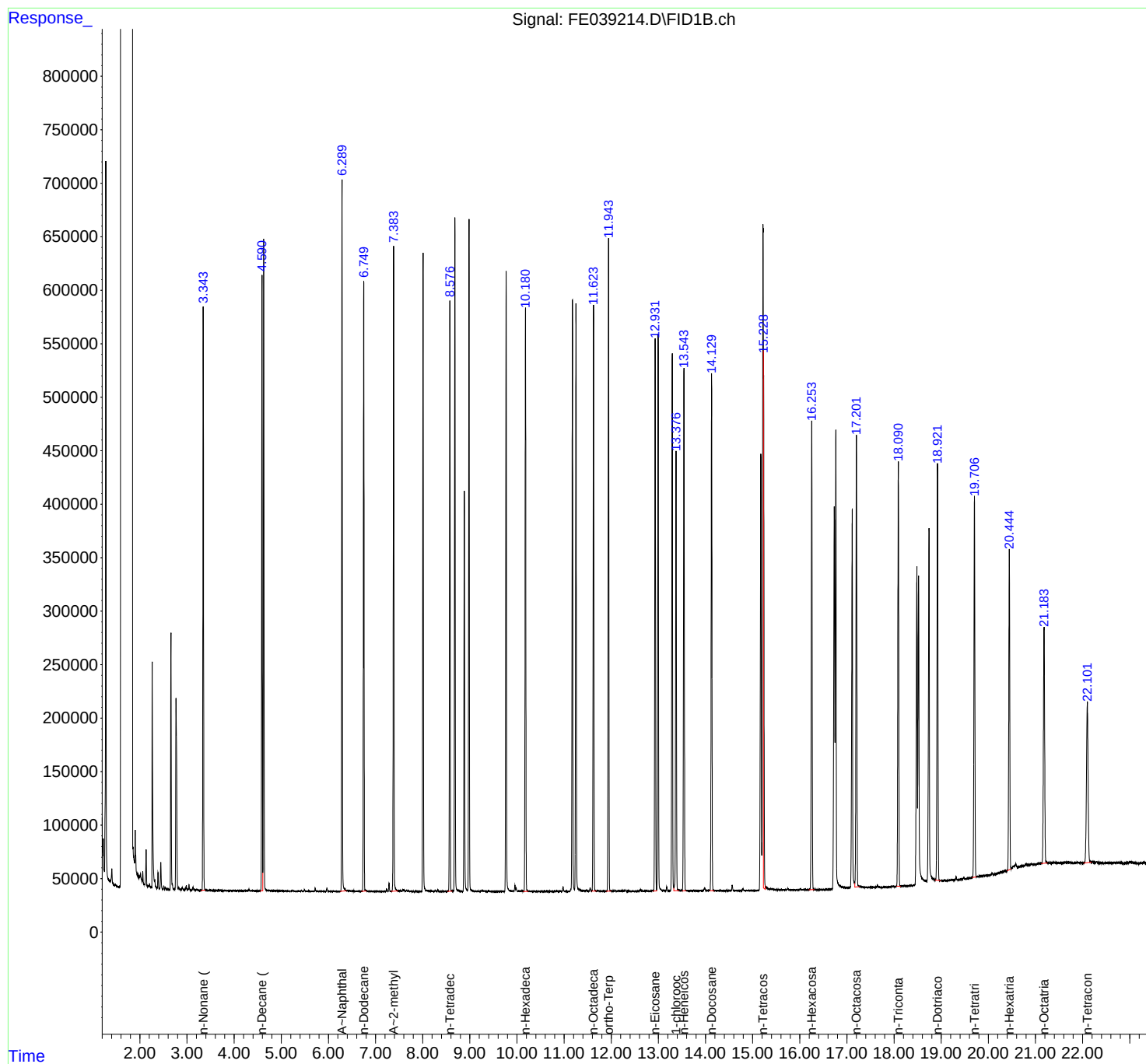
Instrument :
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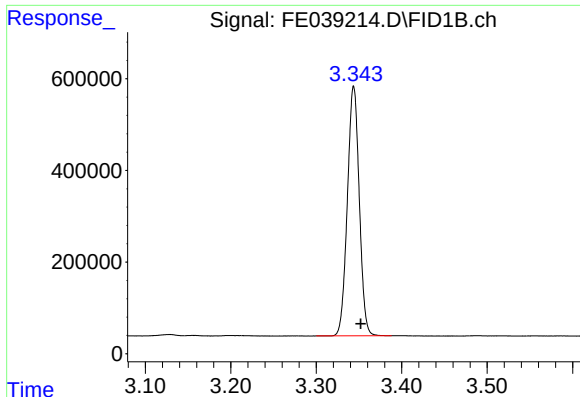
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.008 min
Response: 5274188
Conc: 37.21 ug/ml

Instrument :

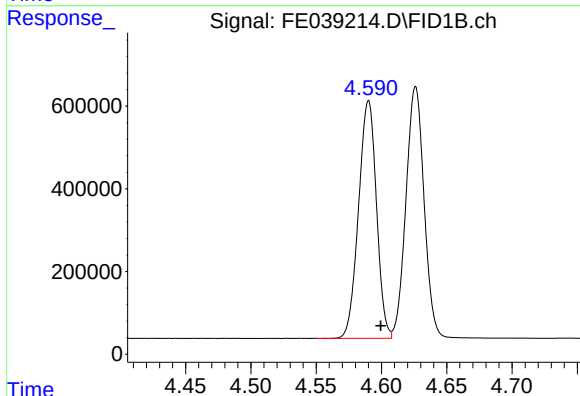
FID_E

ClientSampleId :

PB149512BSD

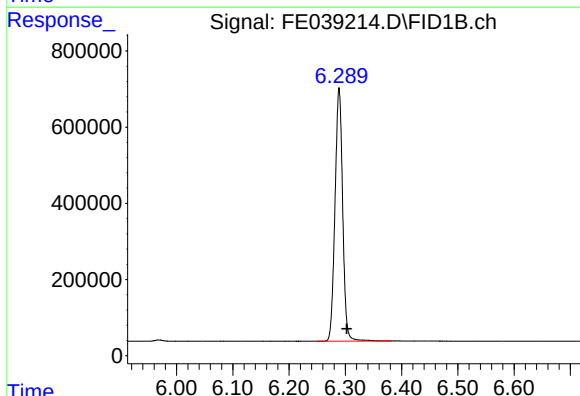
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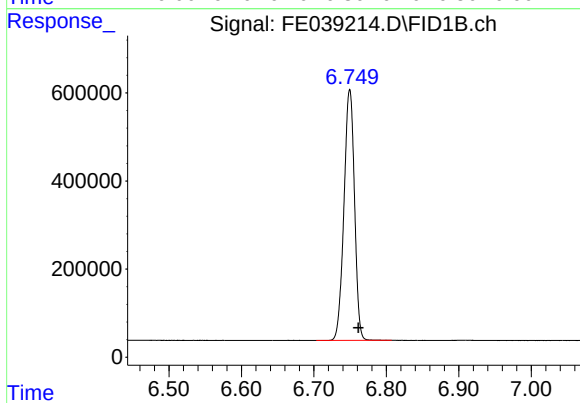
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 5486494
Conc: 39.36 ug/ml



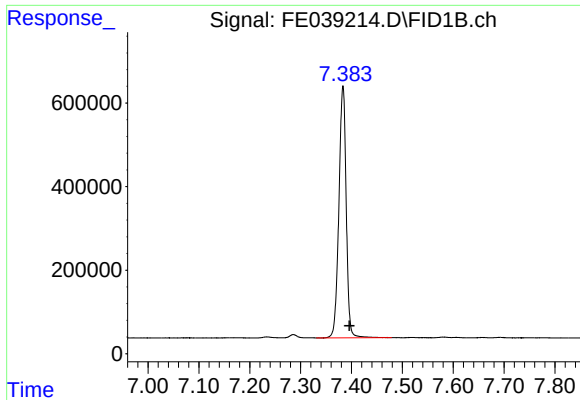
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.013 min
Response: 6291601
Conc: 39.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.012 min
Response: 5754125
Conc: 40.82 ug/ml



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

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 6025467
Conc: 40.26 ug/ml

Instrument :

FID_E

ClientSampleId :

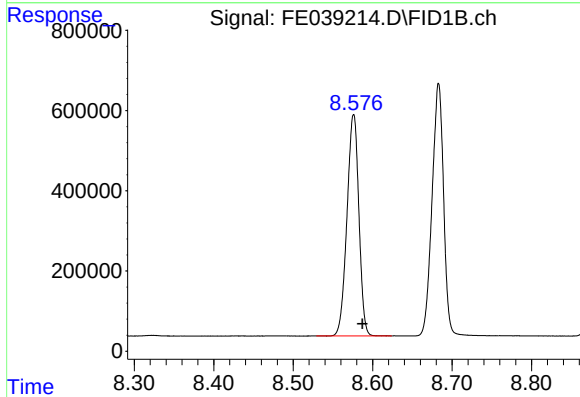
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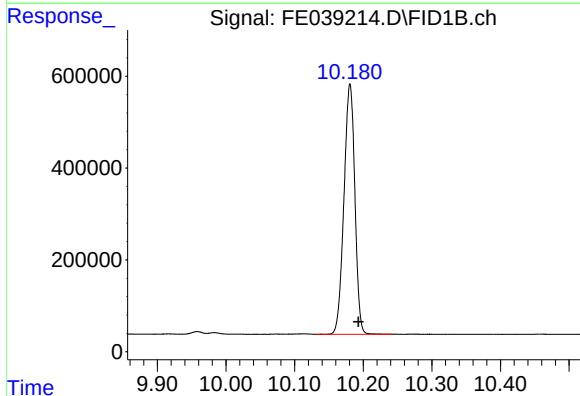
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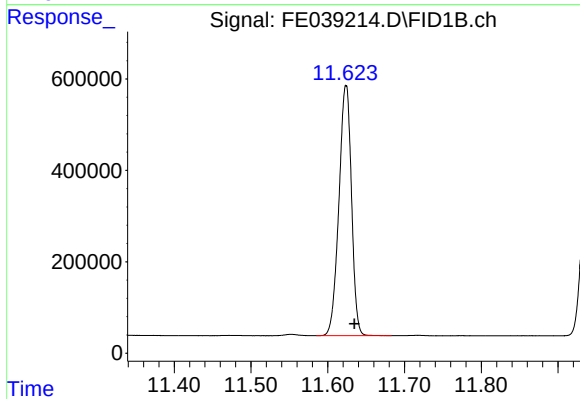
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.011 min
Response: 5741276
Conc: 40.20 ug/ml



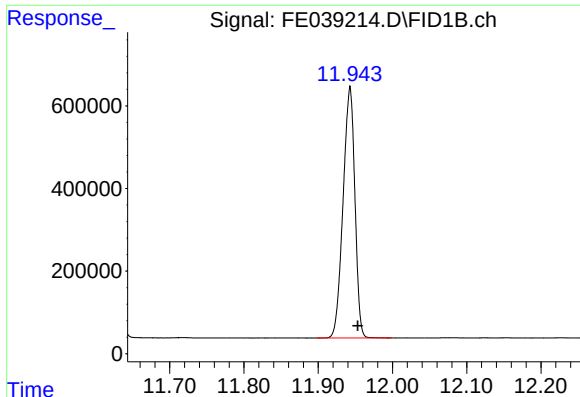
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 6011250
Conc: 41.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 6220820
Conc: 42.28 ug/ml



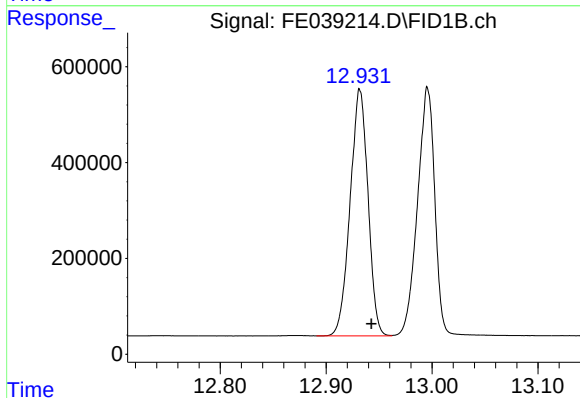
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.010 min
Response: 6722805
Conc: 42.97 ug/ml

Instrument :
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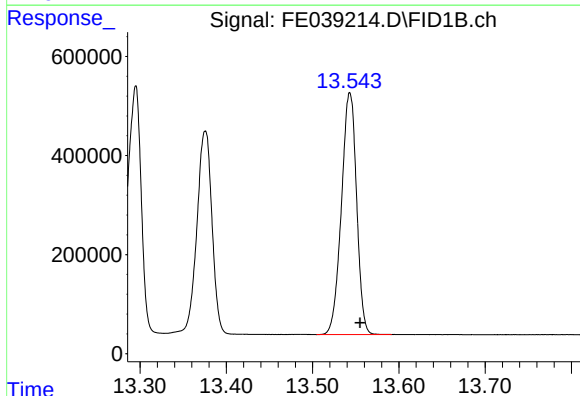
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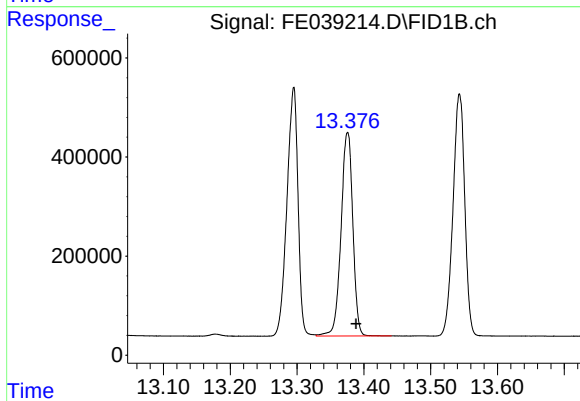
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.011 min
Response: 6041776
Conc: 42.56 ug/ml



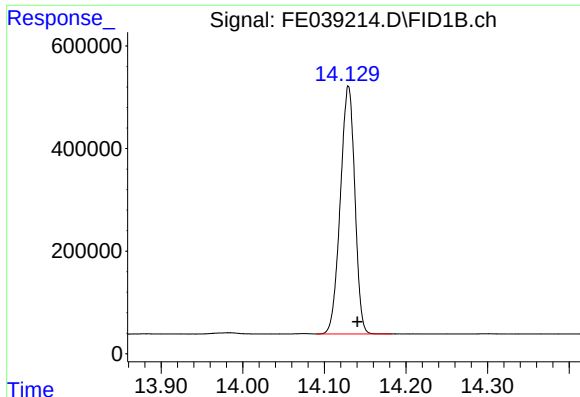
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.012 min
Response: 5966088
Conc: 41.99 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 5045998
Conc: 41.79 ug/ml



#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.011 min
Response: 5970326
Conc: 42.71 ug/ml

Instrument :

FID_E

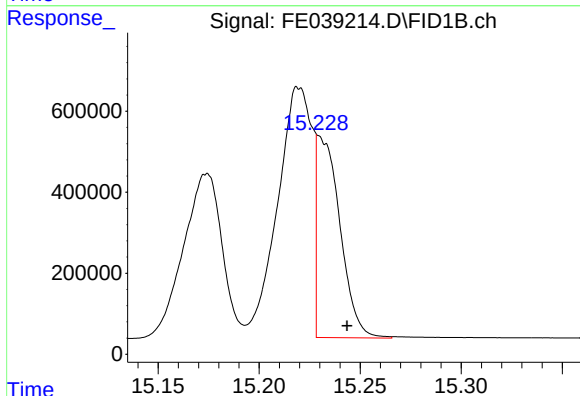
ClientSampleId :

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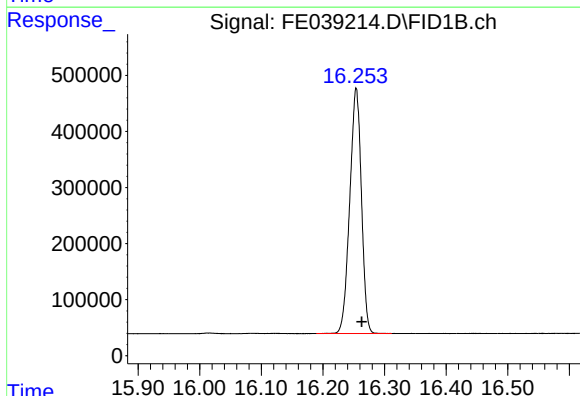
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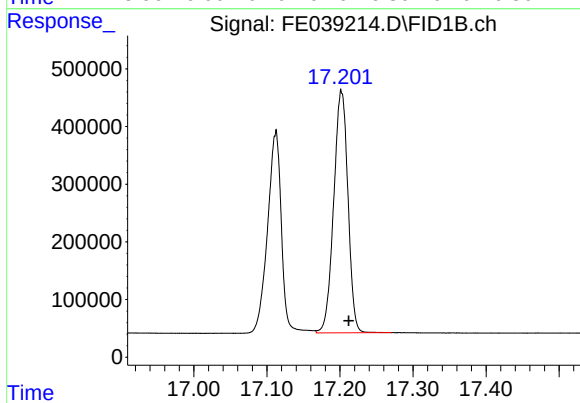
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.015 min
Response: 3947122
Conc: 28.58 ug/ml m



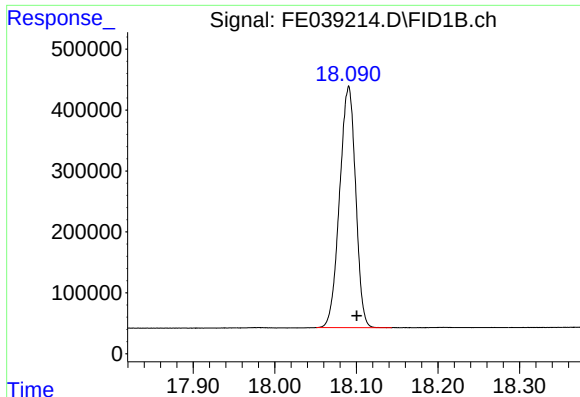
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 5759125
Conc: 42.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.010 min
Response: 5691153
Conc: 42.86 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.010 min
Response: 5406776
Conc: 40.94 ug/ml

Instrument :

FID_E

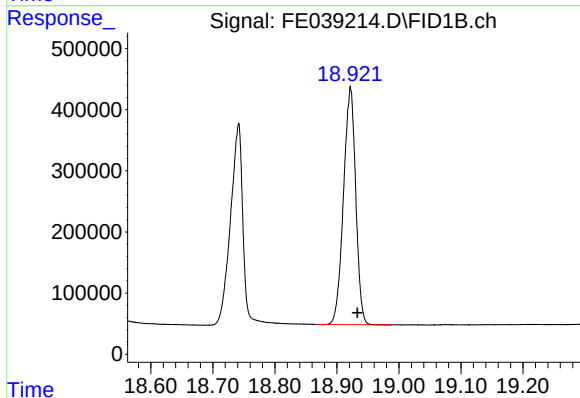
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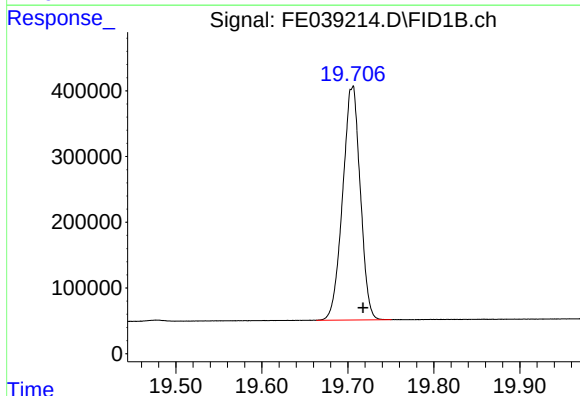
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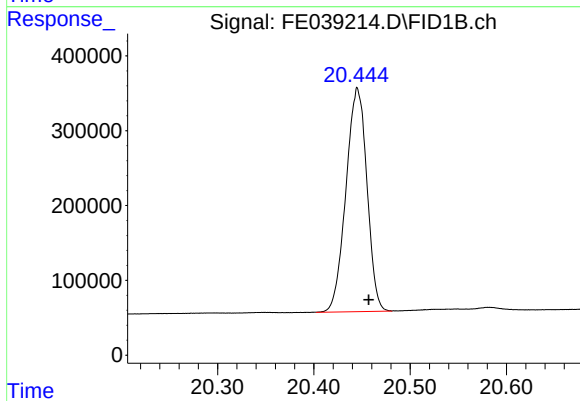
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 5310683
Conc: 39.82 ug/ml



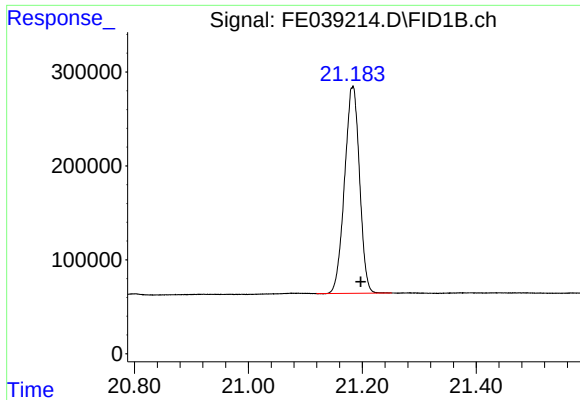
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.012 min
Response: 5058136
Conc: 38.23 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.013 min
Response: 4508416
Conc: 35.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.014 min
Response: 4015995
Conc: 30.65 ug/ml

Instrument :

FID_E

ClientSampleId :

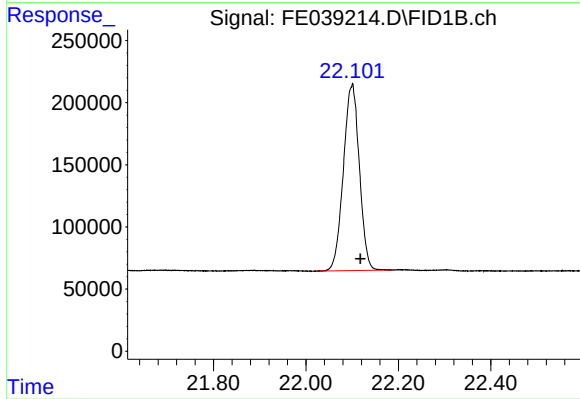
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.017 min
Response: 3595487
Conc: 26.40 ug/ml