

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038337.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2022 02:44
 Operator : YP\AJ
 Sample : PB148577BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148577BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: sample.E
 Quant Time: Oct 27 06:39:29 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)	11.982	6967799	40.494 ug/ml
Spiked Amount 50.000		Recovery =	80.99%
12) S 1-chlorooctadecane (S...	13.412	5688282	41.550 ug/ml
Spiked Amount 50.000		Recovery =	83.10%
Target Compounds			
1) T n-Nonane (C9)	3.389	6040414	39.220 ug/ml
2) T n-Decane (C10)	4.631	6218622	40.063 ug/ml
3) T A~Naphthalene (C11.7)	6.329	6872576	40.581 ug/ml
4) T n-Dodecane (C12)	6.787	6508091	41.661 ug/ml
5) T A~2-methylnaphthalene...	7.422	6725538	40.132 ug/ml
6) T n-Tetradecane (C14)	8.614	6582373	42.090 ug/ml
7) T n-Hexadecane (C16)	10.218	6708992	42.465 ug/ml
8) T n-Octadecane (C18)	11.661	6928273	43.253 ug/ml
10) T n-Eicosane (C20)	12.969	6809451	42.261 ug/ml
11) T n-Heneicosane (C21)	13.578	6798951	42.090 ug/ml
13) T n-Docosane (C22)	14.165	6780044	41.997 ug/ml
14) T n-Tetracosane (C24)	15.251	13033788	81.259 ug/mlm
15) T n-Hexacosane (C26)	16.287	6690827	42.124 ug/ml
16) T n-Octacosane (C28)	17.234	6686314	42.618 ug/ml
17) T n-Tricontane (C30)	18.120	6455696	40.460 ug/ml
18) T n-Dotriacontane (C32)	18.950	6331981	40.160 ug/ml
19) T n-Tetratriacontane (C34)	19.732	6154846	41.749 ug/mlm
20) T n-Hexatriacontane (C36)	20.471	5695395	39.860 ug/ml
21) T n-Octatriacontane (C38)	21.215	5264891	38.981 ug/ml
22) T n-Tetracontane (C40)	22.141	4702051	37.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB148577BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

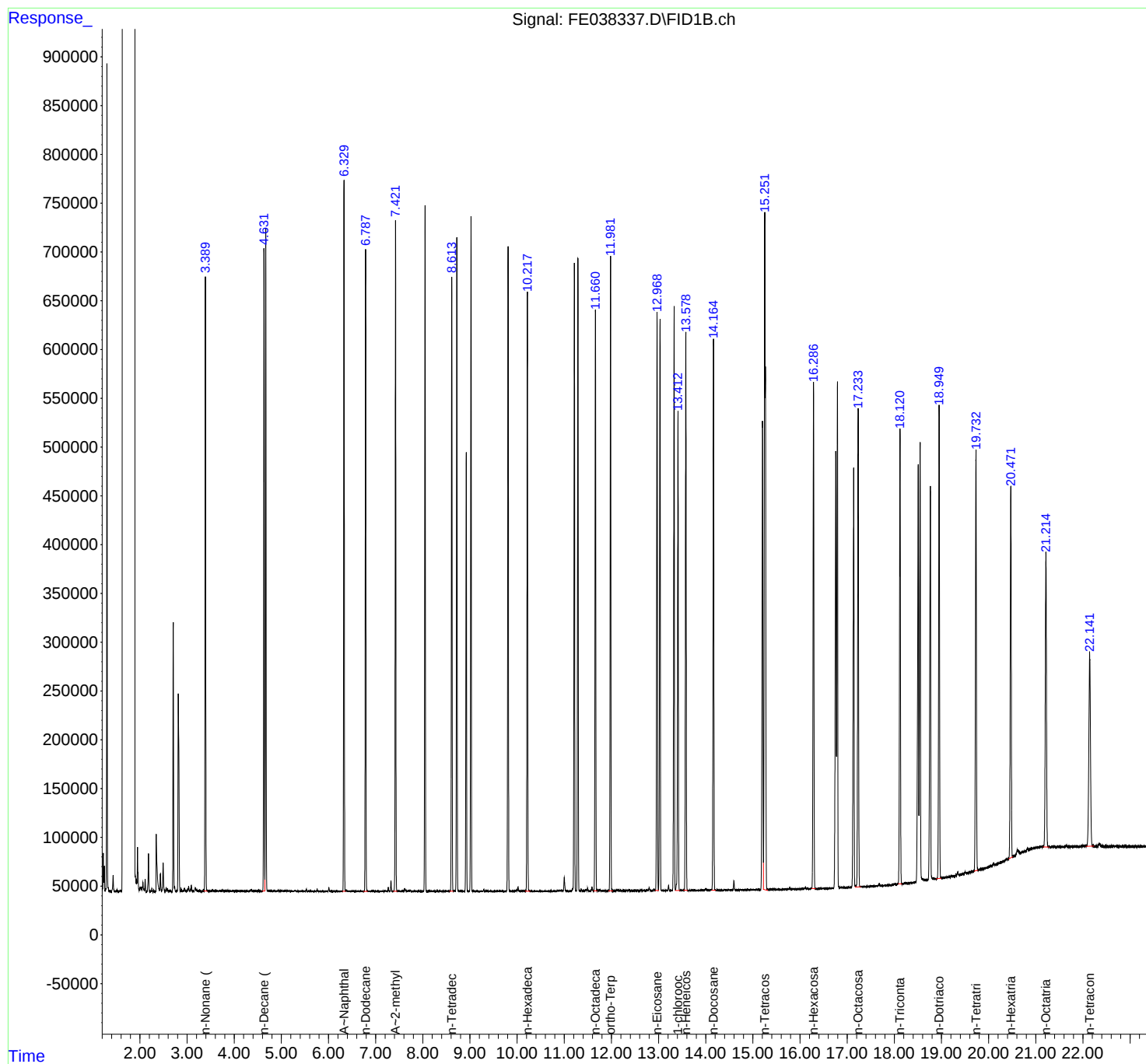
Instrument :
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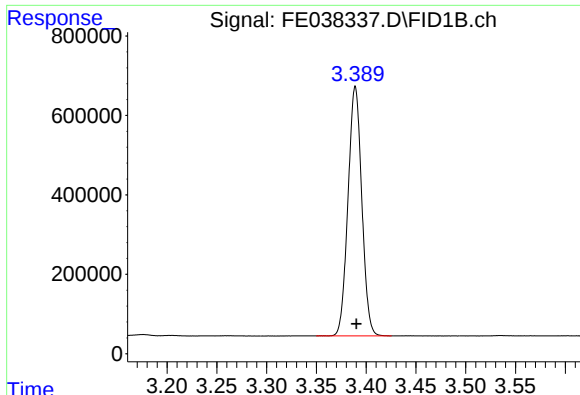
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#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 6040414
Conc: 39.22 ug/ml

Instrument :

FID_E

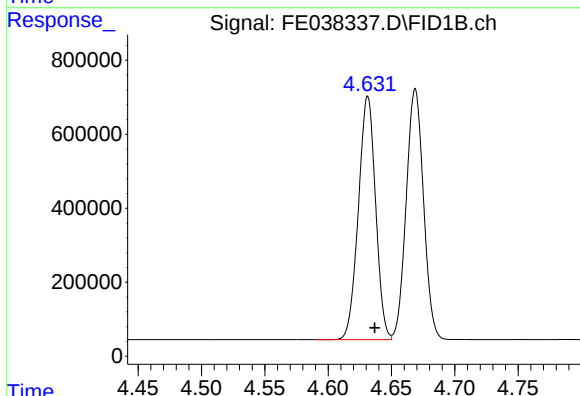
ClientSampleId :

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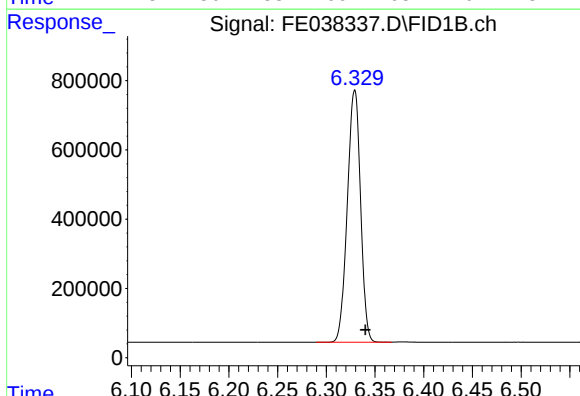
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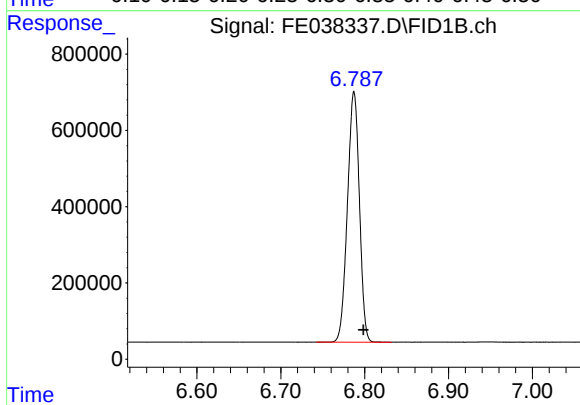
#2 n-Decane (C10)

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 6218622
Conc: 40.06 ug/ml



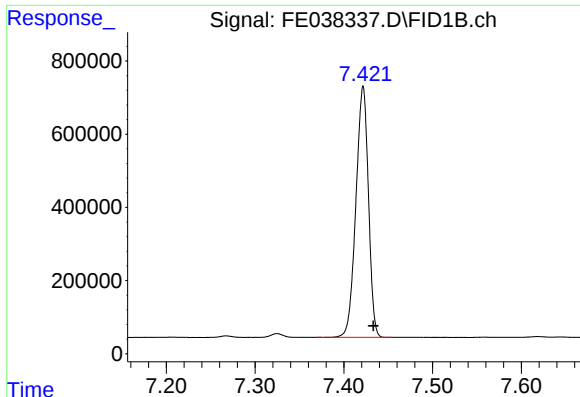
#3 A~Naphthalene (C11.7)

R.T.: 6.329 min
Delta R.T.: -0.011 min
Response: 6872576
Conc: 40.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.787 min
Delta R.T.: -0.011 min
Response: 6508091
Conc: 41.66 ug/ml



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

R.T.: 7.422 min
Delta R.T.: -0.012 min
Response: 6725538
Conc: 40.13 ug/ml

Instrument :

FID_E

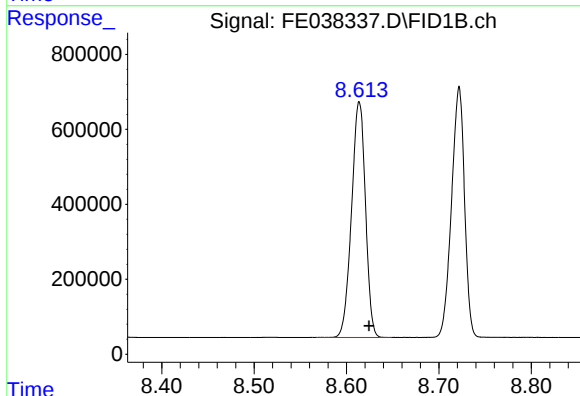
ClientSampleId :

PB148577BSD

Manual Integrations

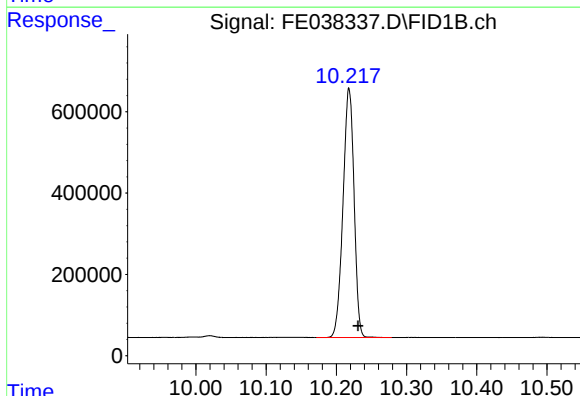
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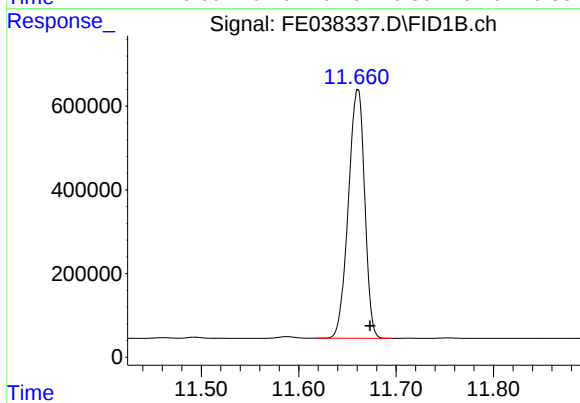
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: -0.011 min
Response: 6582373
Conc: 42.09 ug/ml



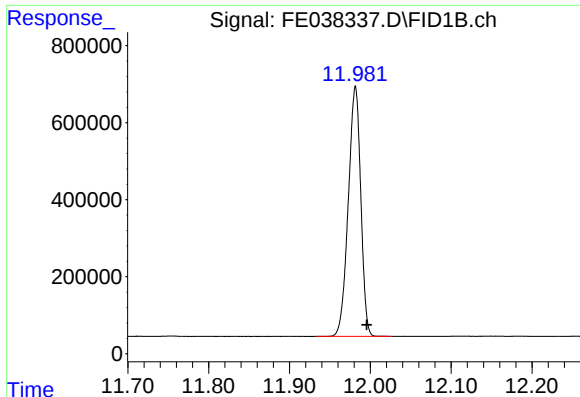
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: -0.013 min
Response: 6708992
Conc: 42.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: -0.013 min
Response: 6928273
Conc: 43.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: -0.014 min
Response: 6967799
Conc: 40.49 ug/ml

Instrument :

FID_E

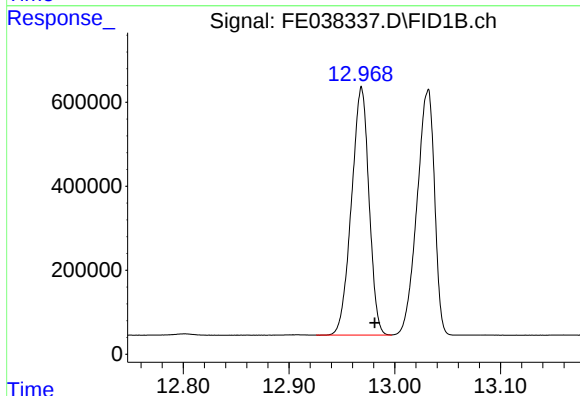
ClientSampleId :

PB148577BSD

Manual Integrations

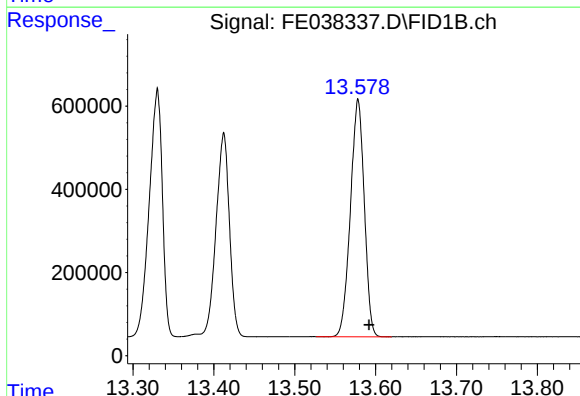
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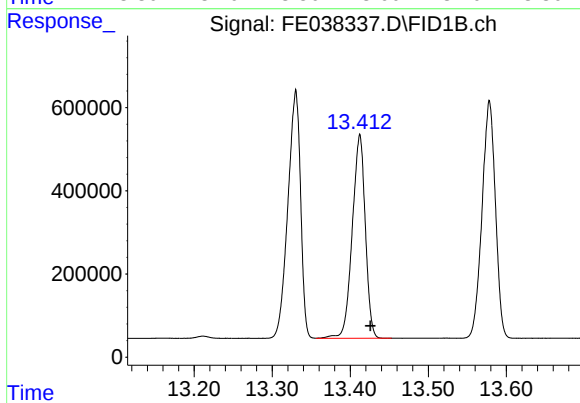
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: -0.013 min
Response: 6809451
Conc: 42.26 ug/ml



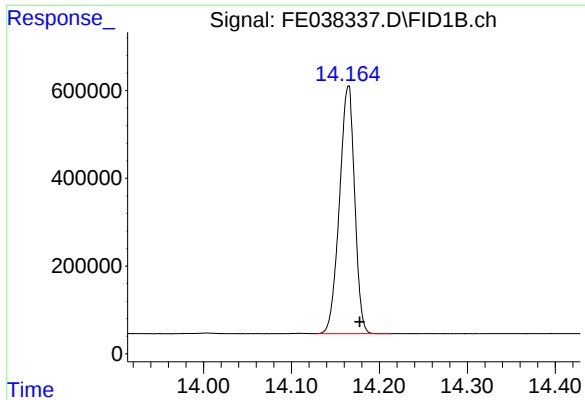
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.014 min
Response: 6798951
Conc: 42.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.013 min
Response: 5688282
Conc: 41.55 ug/ml



#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.013 min
Response: 6780044
Conc: 42.00 ug/ml

Instrument :

FID_E

ClientSampleId :

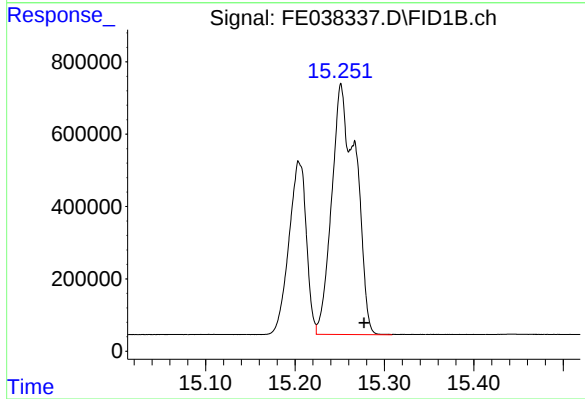
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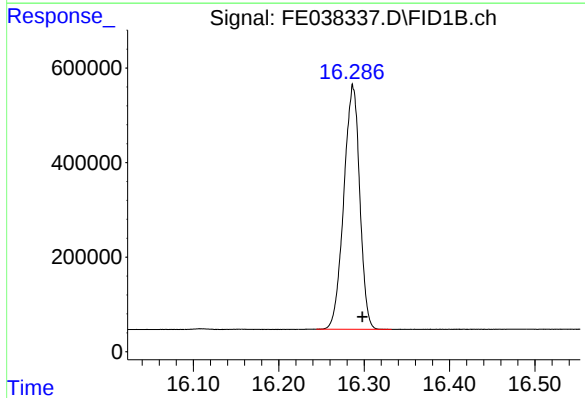
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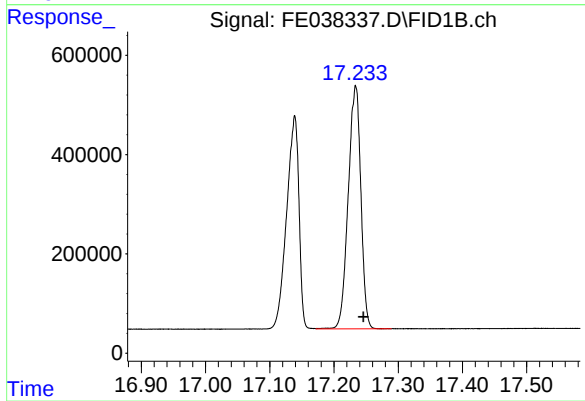
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.026 min
Response: 13033788
Conc: 81.26 ug/ml m



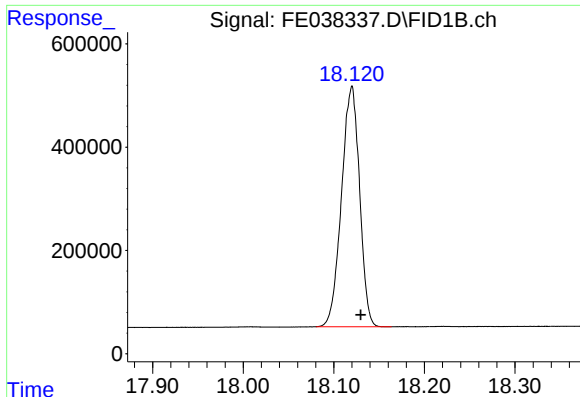
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: -0.011 min
Response: 6690827
Conc: 42.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: -0.012 min
Response: 6686314
Conc: 42.62 ug/ml



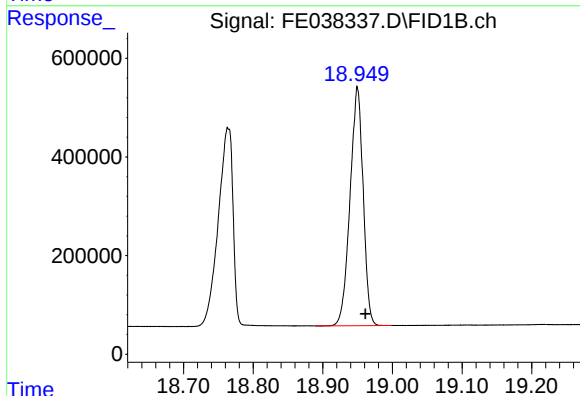
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.010 min
Response: 6455696
Conc: 40.46 ug/ml

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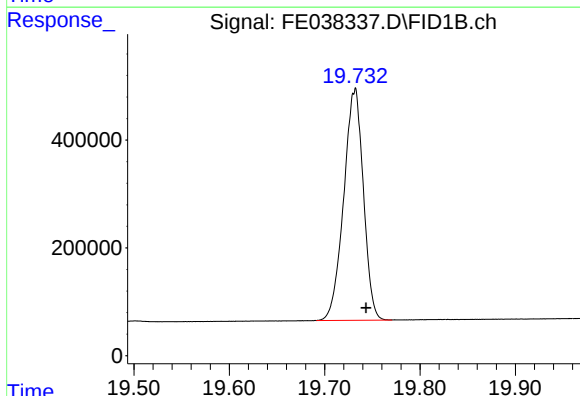
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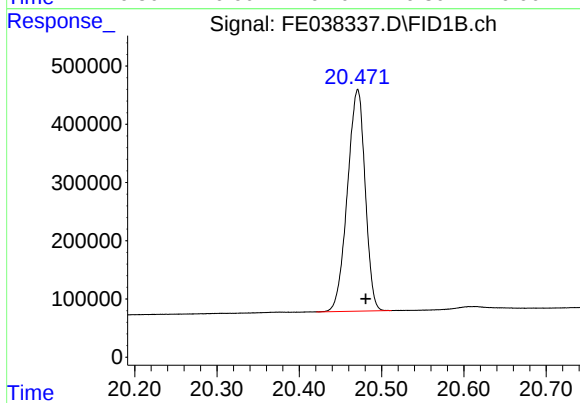
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.011 min
Response: 6331981
Conc: 40.16 ug/ml



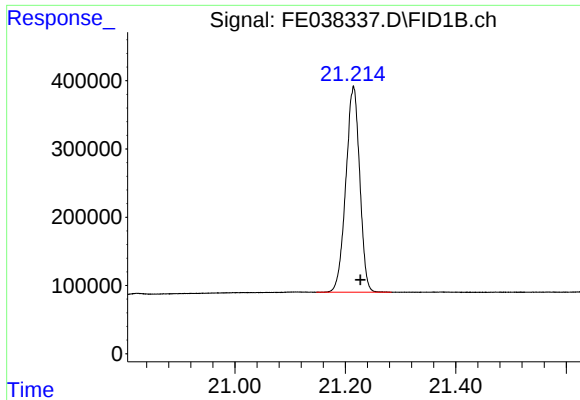
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.011 min
Response: 6154846
Conc: 41.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: -0.010 min
Response: 5695395
Conc: 39.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.012 min
Response: 5264891
Conc: 38.98 ug/ml

Instrument :

FID_E

ClientSampleId :

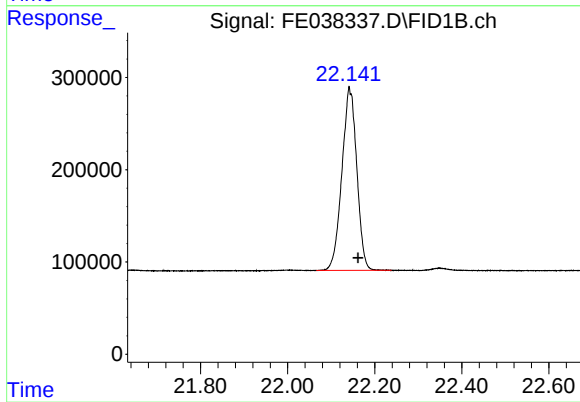
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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.021 min
Response: 4702051
Conc: 37.25 ug/ml