

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038400.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2022 19:44
 Operator : YP\AJ
 Sample : PB148609BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148609BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:39:13 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)	11.977	6785790	39.436 ug/ml
Spiked Amount 50.000		Recovery =	78.87%
12) S 1-chlorooctadecane (S...	13.408	5515145	40.286 ug/ml
Spiked Amount 50.000		Recovery =	80.57%
Target Compounds			
1) T n-Nonane (C9)	3.380	5048375	32.779 ug/ml
2) T n-Decane (C10)	4.624	5234466	33.722 ug/ml
3) T A~Naphthalene (C11.7)	6.324	5867754	34.648 ug/ml
4) T n-Dodecane (C12)	6.782	5653567	36.191 ug/ml
5) T A~2-methylnaphthalene...	7.418	5943451	35.465 ug/ml
6) T n-Tetradecane (C14)	8.610	6256390	40.005 ug/ml
7) T n-Hexadecane (C16)	10.215	6836870	43.274 ug/ml
8) T n-Octadecane (C18)	11.657	7154070	44.663 ug/ml
10) T n-Eicosane (C20)	12.964	6974906	43.288 ug/ml
11) T n-Heneicosane (C21)	13.575	6908618	42.769 ug/ml
13) T n-Docosane (C22)	14.161	6822701	42.261 ug/ml
14) T n-Tetracosane (C24)	15.251	12703519	79.200 ug/ml
15) T n-Hexacosane (C26)	16.282	6480664	40.801 ug/ml
16) T n-Octacosane (C28)	17.228	6392489	40.745 ug/ml
17) T n-Tricontane (C30)	18.116	6149735	38.542 ug/ml
18) T n-Dotriacontane (C32)	18.946	6124667	38.845 ug/ml
19) T n-Tetratriacontane (C34)	19.728	6092899	41.329 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5887423	41.204 ug/ml
21) T n-Octatriacontane (C38)	21.212	5913113	43.780 ug/ml
22) T n-Tetracontane (C40)	22.140	6155319	48.763 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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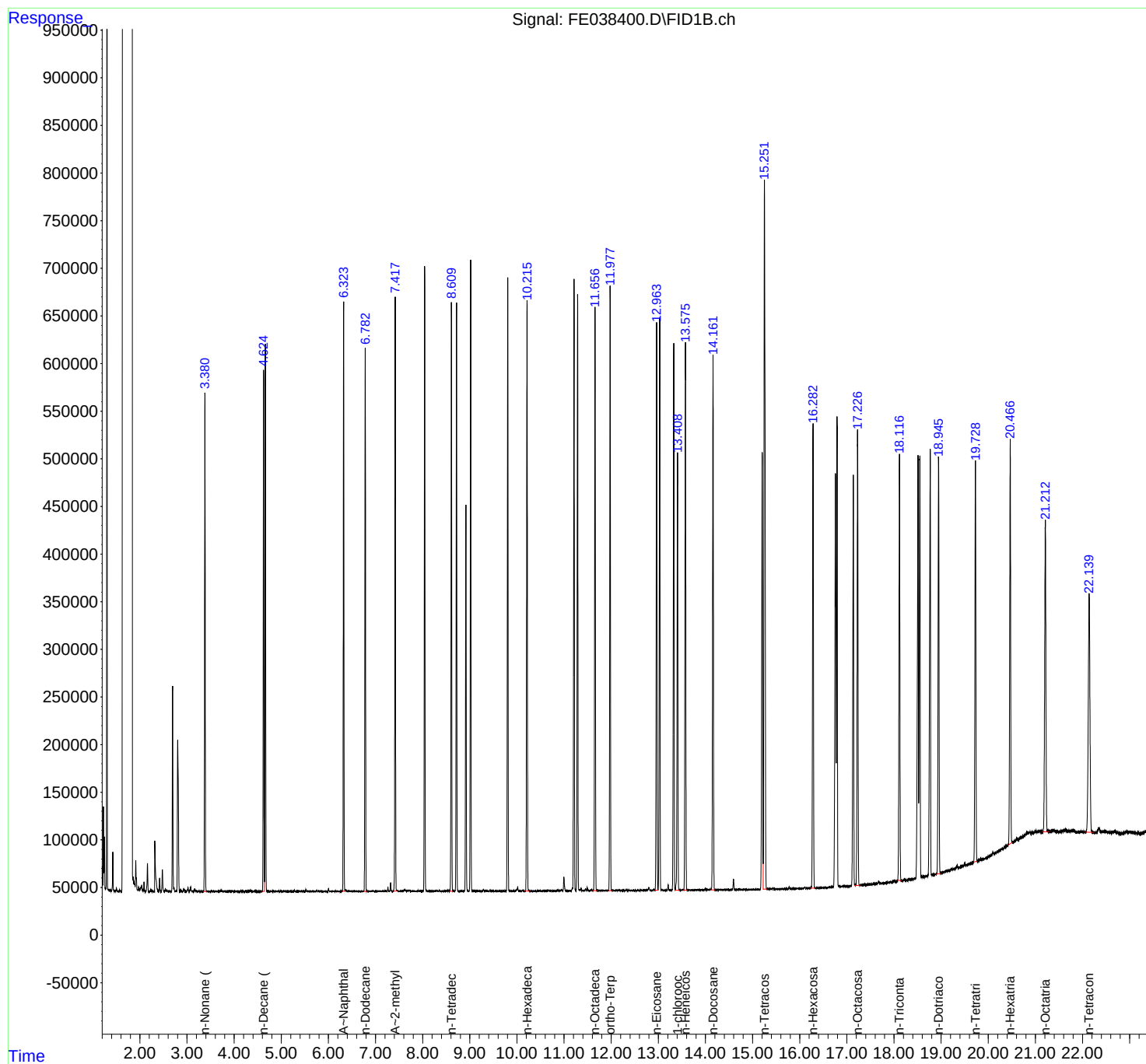
Instrument :
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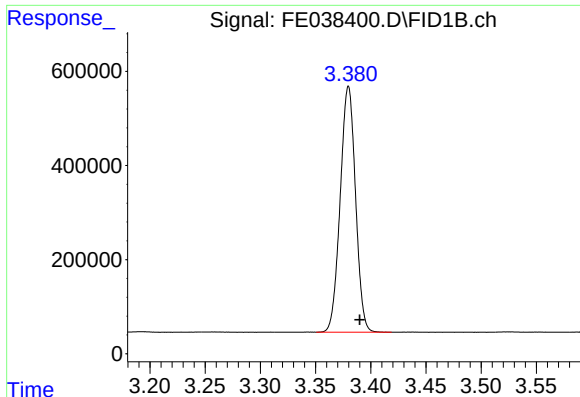
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#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.010 min
Response: 5048375
Conc: 32.78 ug/ml

Instrument :

FID_E

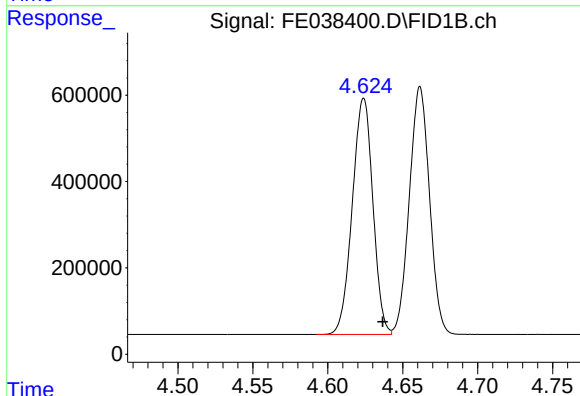
ClientSampleId :

PB148609BS

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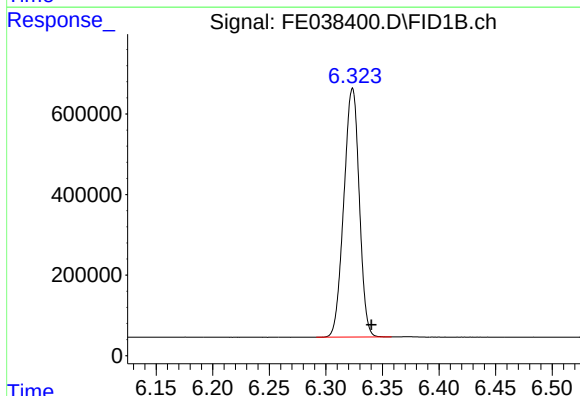
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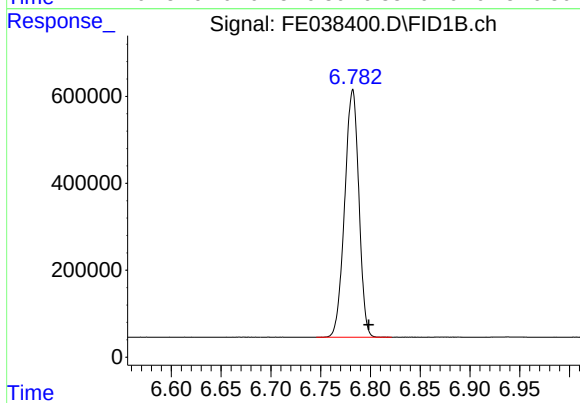
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.013 min
Response: 5234466
Conc: 33.72 ug/ml



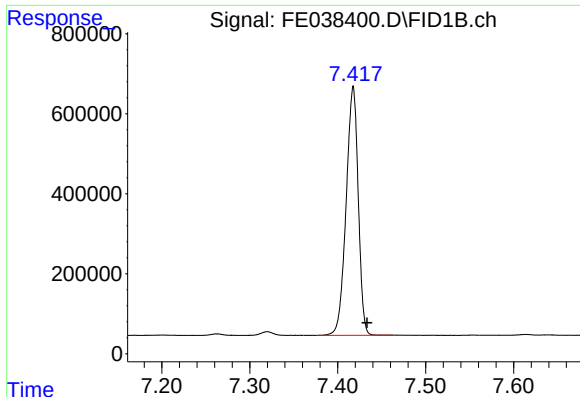
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min
Delta R.T.: -0.017 min
Response: 5867754
Conc: 34.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: -0.016 min
Response: 5653567
Conc: 36.19 ug/ml



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

R.T.: 7.418 min
Delta R.T.: -0.016 min
Response: 5943451
Conc: 35.47 ug/ml

Instrument :

FID_E

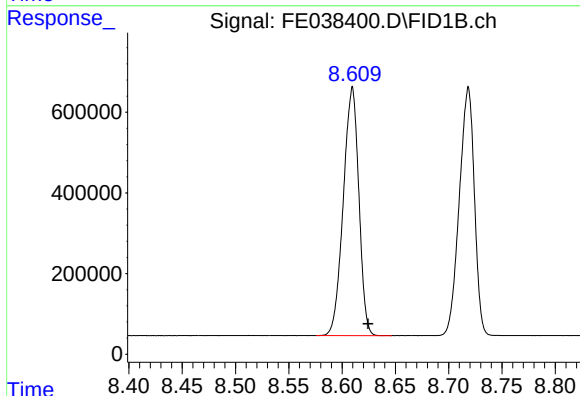
ClientSampleId :

PB148609BS

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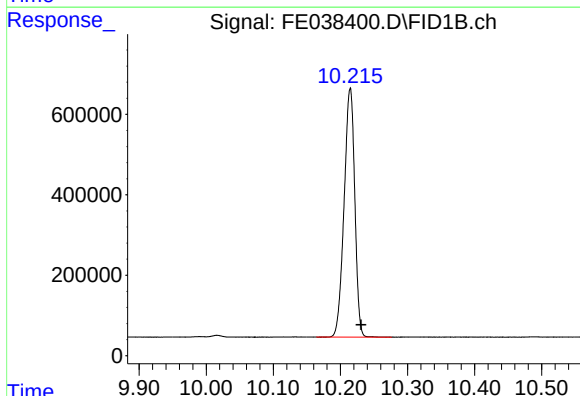
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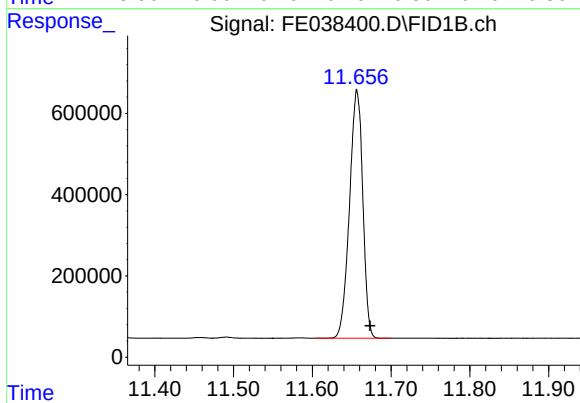
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: -0.015 min
Response: 6256390
Conc: 40.01 ug/ml



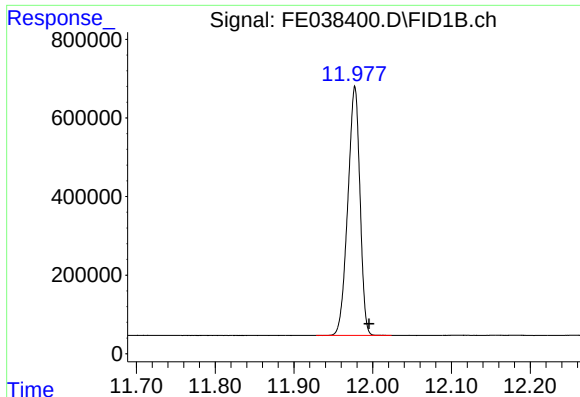
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.016 min
Response: 6836870
Conc: 43.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.017 min
Response: 7154070
Conc: 44.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.018 min
Response: 6785790
Conc: 39.44 ug/ml

Instrument :

FID_E

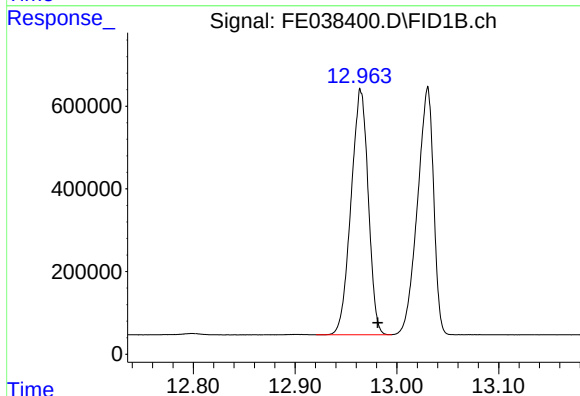
ClientSampleId :

PB148609BS

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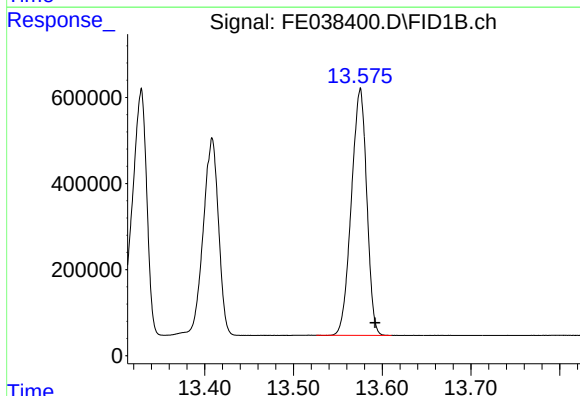
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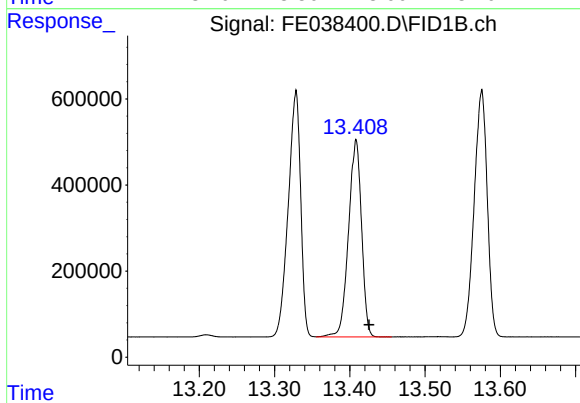
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 6974906
Conc: 43.29 ug/ml



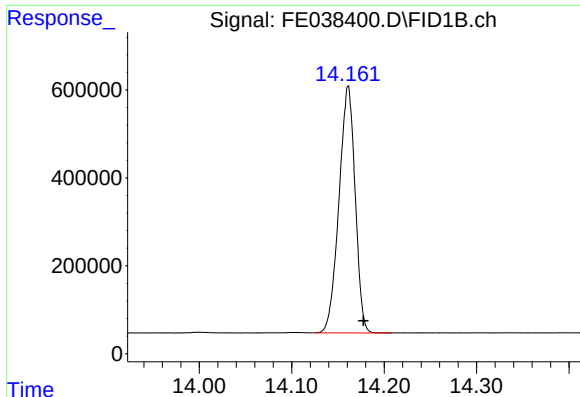
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 6908618
Conc: 42.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.017 min
Response: 5515145
Conc: 40.29 ug/ml



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.016 min
Response: 6822701
Conc: 42.26 ug/ml

Instrument :

FID_E

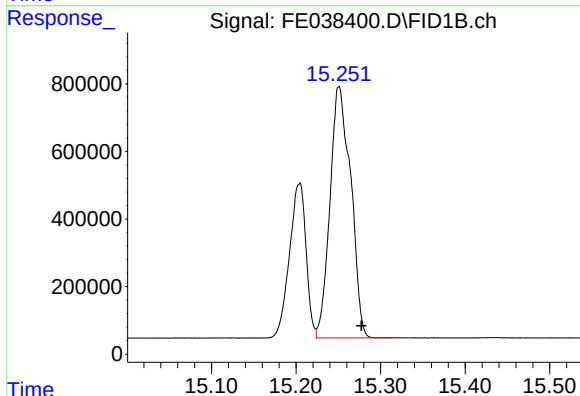
ClientSampleId :

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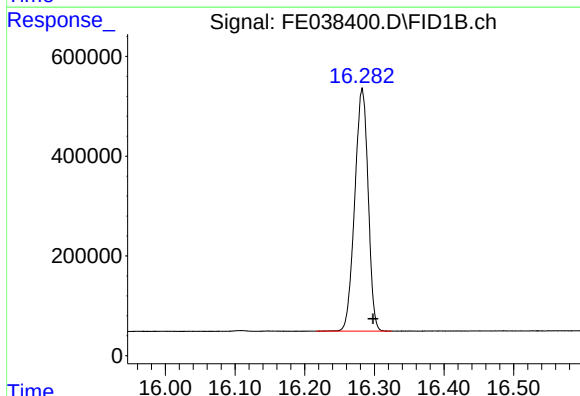
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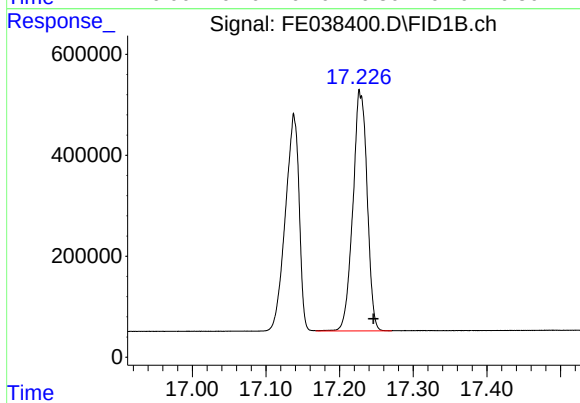
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.027 min
Response: 12703519
Conc: 79.20 ug/ml



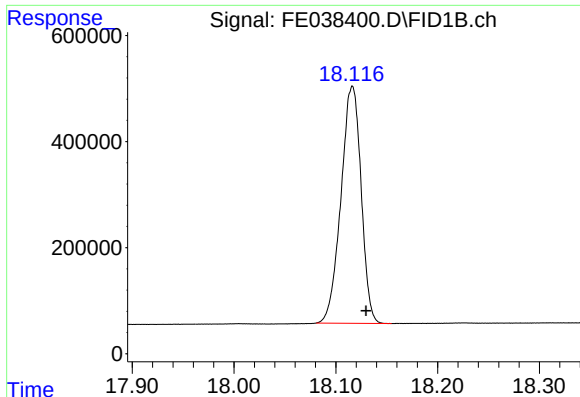
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: -0.016 min
Response: 6480664
Conc: 40.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: -0.018 min
Response: 6392489
Conc: 40.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.014 min
Response: 6149735
Conc: 38.54 ug/ml

Instrument :

FID_E

ClientSampleId :

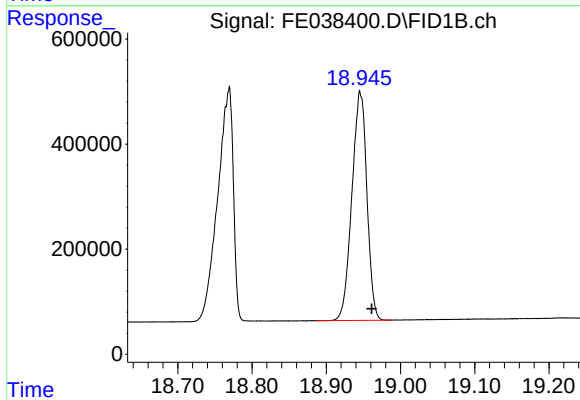
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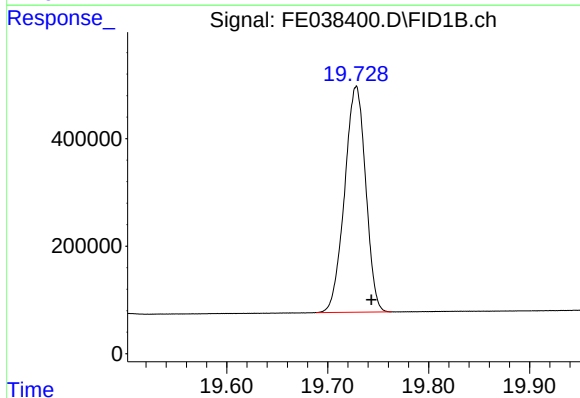
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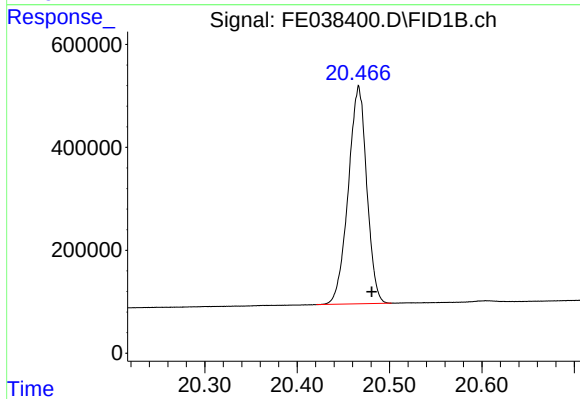
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.015 min
Response: 6124667
Conc: 38.84 ug/ml



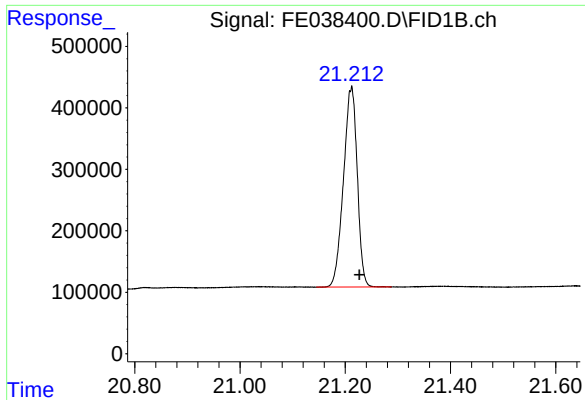
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.015 min
Response: 6092899
Conc: 41.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 5887423
Conc: 41.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 5913113
Conc: 43.78 ug/ml

Instrument :

FID_E

ClientSampleId :

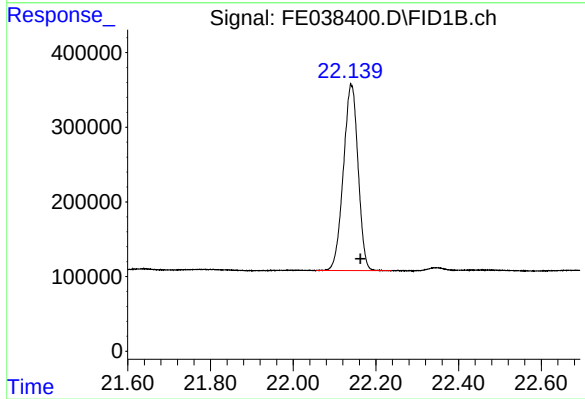
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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.022 min
Response: 6155319
Conc: 48.76 ug/ml