

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038709.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 13:37
 Operator : YP\AJ
 Sample : PB148970BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148970BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 03:45:23 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)	11.965	5292331	30.757 ug/ml
Spiked Amount 50.000		Recovery =	61.51%
12) S 1-chlorooctadecane (S...	13.398	4238692	30.962 ug/ml
Spiked Amount 50.000		Recovery =	61.92%
Target Compounds			
1) T n-Nonane (C9)	3.377	6058367	39.337 ug/ml
2) T n-Decane (C10)	4.618	6115077	39.396 ug/ml
3) T A~Naphthalene (C11.7)	6.316	6514928	38.470 ug/ml
4) T n-Dodecane (C12)	6.773	6257424	40.056 ug/ml
5) T A~2-methylnaphthalene...	7.409	6291241	37.541 ug/ml
6) T n-Tetradecane (C14)	8.598	6180470	39.520 ug/ml
7) T n-Hexadecane (C16)	10.203	6151710	38.938 ug/ml
8) T n-Octadecane (C18)	11.646	6202847	38.724 ug/ml
10) T n-Eicosane (C20)	12.955	6018116	37.350 ug/ml
11) T n-Heneicosane (C21)	13.565	5975909	36.995 ug/ml
13) T n-Docosane (C22)	14.151	5939274	36.789 ug/ml
14) T n-Tetracosane (C24)	15.247	11839063	73.810 ug/ml
15) T n-Hexacosane (C26)	16.276	5874811	36.987 ug/ml
16) T n-Octacosane (C28)	17.224	5947582	37.909 ug/ml
17) T n-Tricontane (C30)	18.112	5853888	36.688 ug/mlm
18) T n-Dotriacontane (C32)	18.942	5949744	37.735 ug/ml
19) T n-Tetratriacontane (C34)	19.726	5841947	39.627 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	5139922	35.973 ug/ml
21) T n-Octatriacontane (C38)	21.207	4491254	33.253 ug/ml
22) T n-Tetracontane (C40)	22.133	4255283	33.711 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

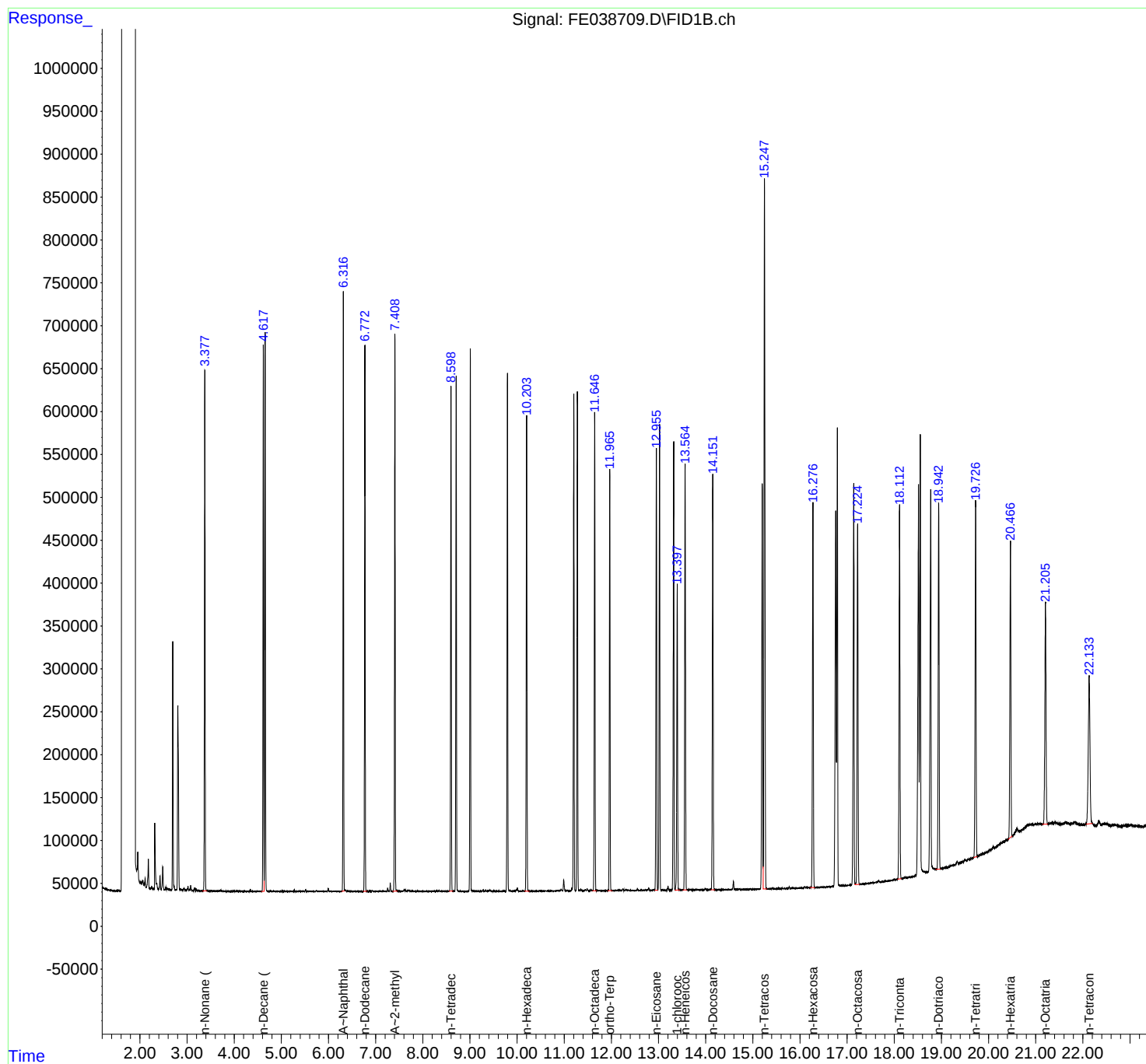
Instrument :
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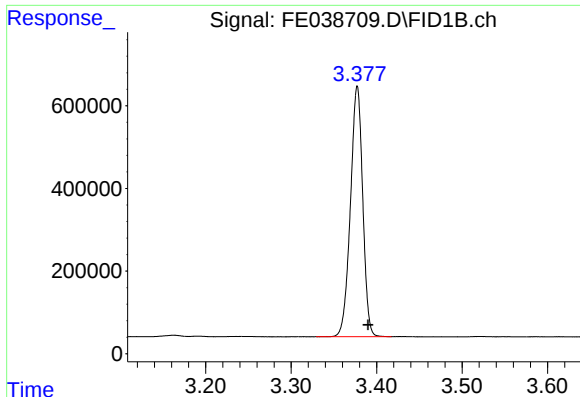
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#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.013 min
Response: 6058367
Conc: 39.34 ug/ml

Instrument :

FID_E

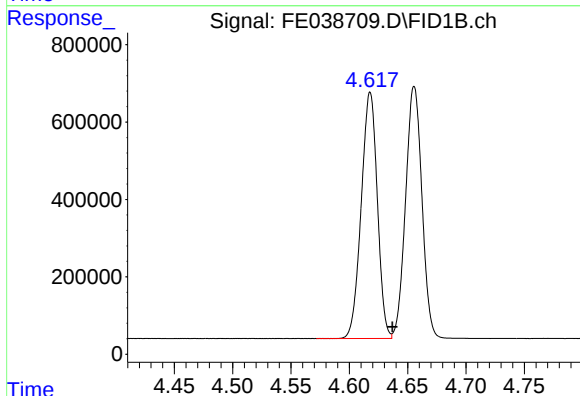
ClientSampleId :

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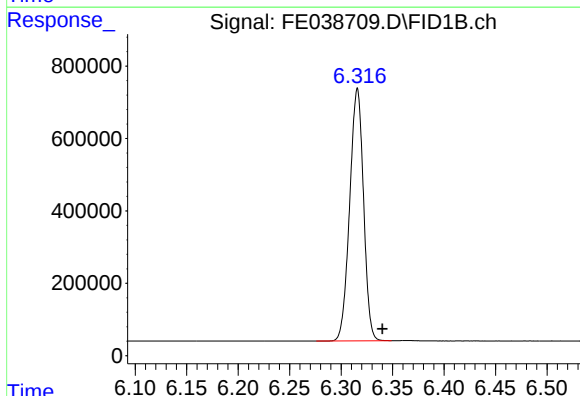
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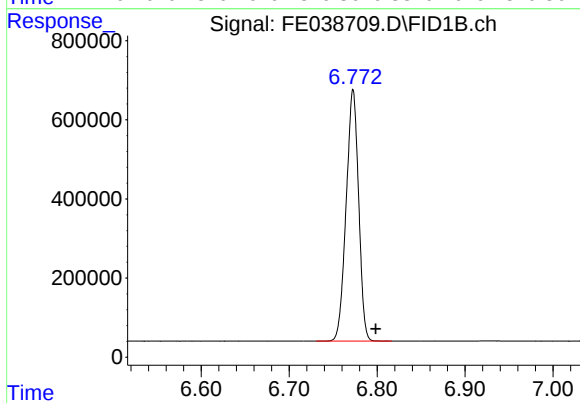
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: -0.019 min
Response: 6115077
Conc: 39.40 ug/ml



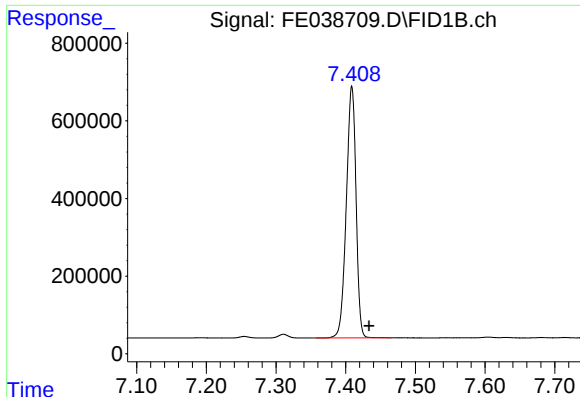
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.024 min
Response: 6514928
Conc: 38.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 6257424
Conc: 40.06 ug/ml



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

R.T.: 7.409 min
Delta R.T.: -0.025 min
Response: 6291241
Conc: 37.54 ug/ml

Instrument :

FID_E

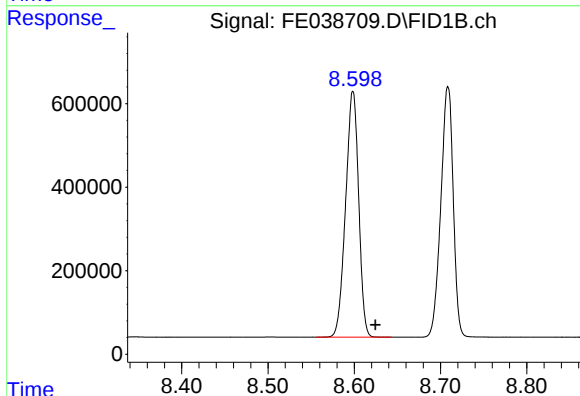
ClientSampleId :

PB148970BSD

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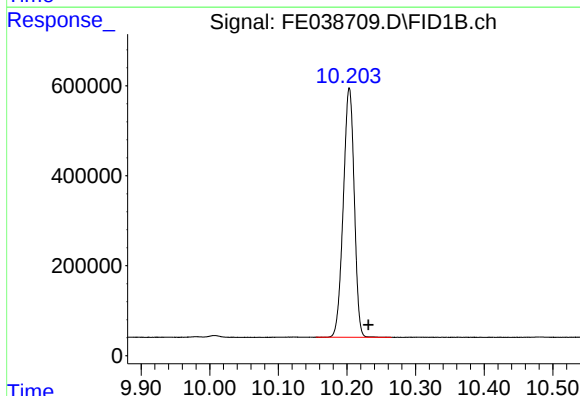
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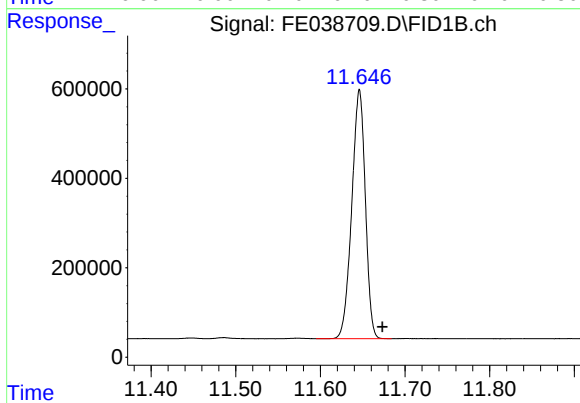
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 6180470
Conc: 39.52 ug/ml



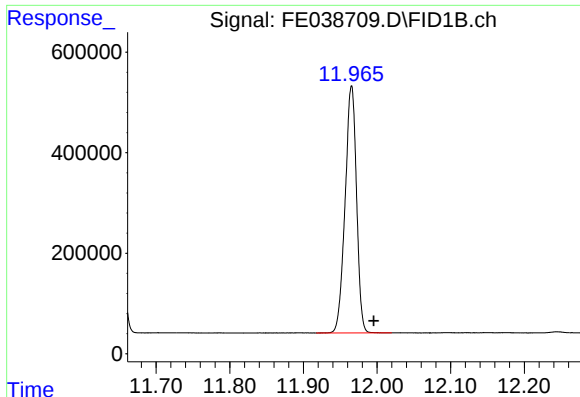
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 6151710
Conc: 38.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 6202847
Conc: 38.72 ug/ml



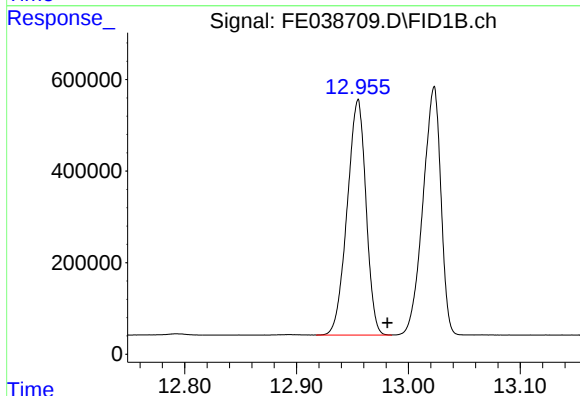
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.030 min
Response: 5292331
Conc: 30.76 ug/ml

Instrument :
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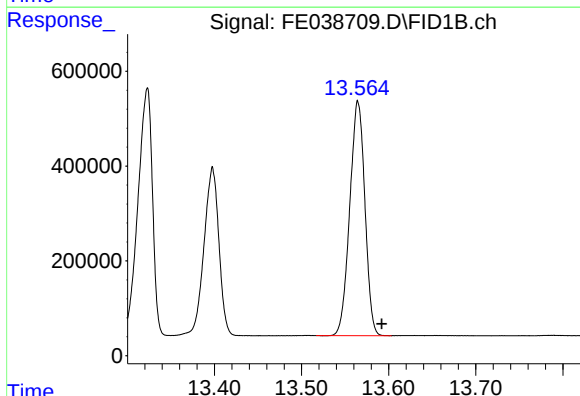
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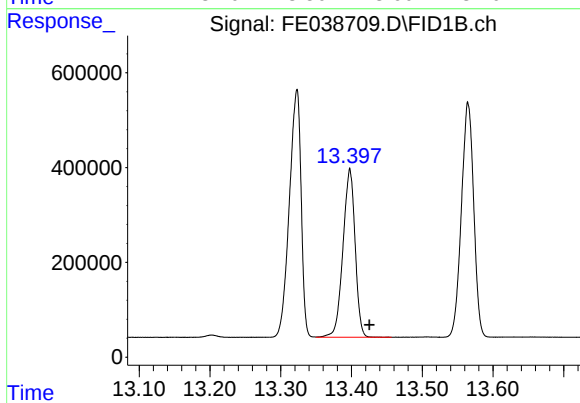
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.026 min
Response: 6018116
Conc: 37.35 ug/ml



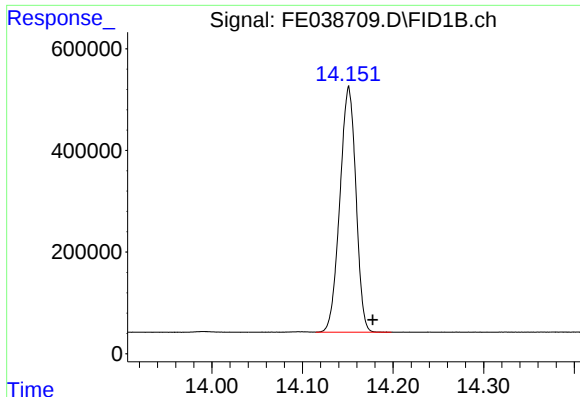
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 5975909
Conc: 36.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.028 min
Response: 4238692
Conc: 30.96 ug/ml



#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.026 min
Response: 5939274
Conc: 36.79 ug/ml

Instrument :

FID_E

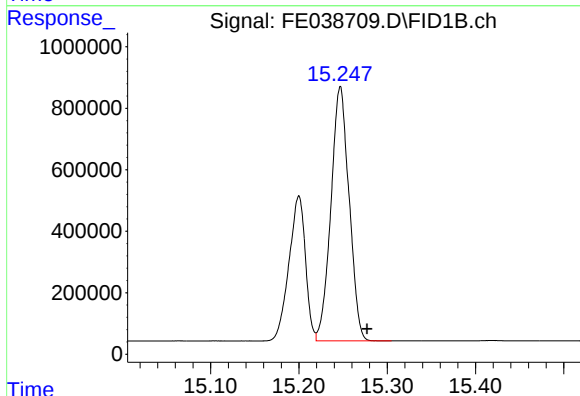
ClientSampleId :

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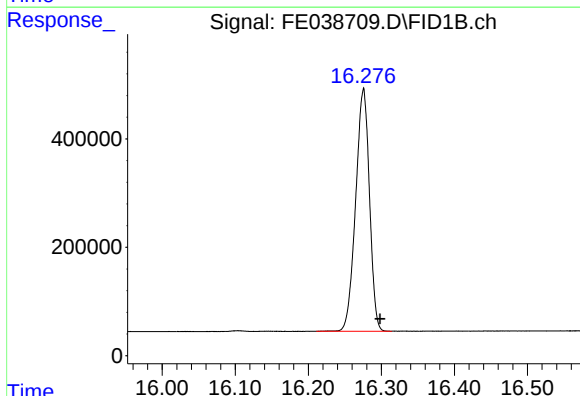
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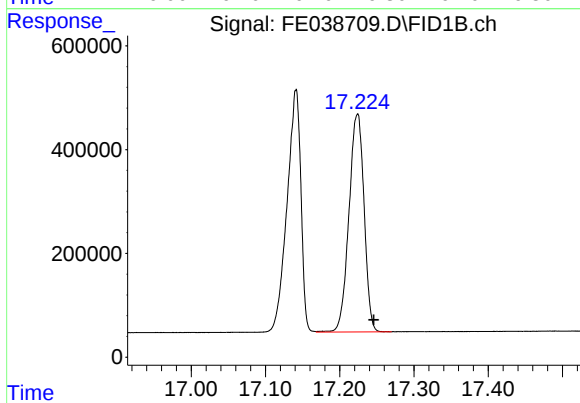
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.030 min
Response: 11839063
Conc: 73.81 ug/ml



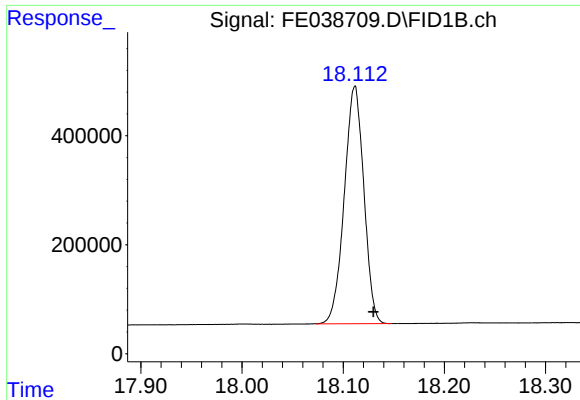
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.023 min
Response: 5874811
Conc: 36.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 5947582
Conc: 37.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 5853888
Conc: 36.69 ug/ml

Instrument :

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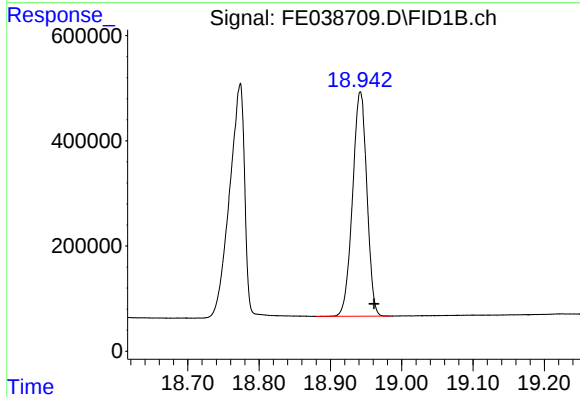
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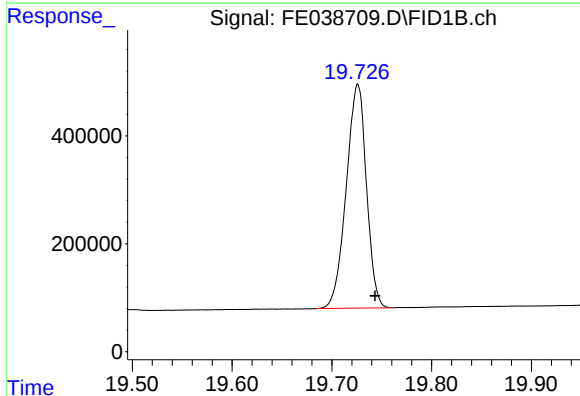
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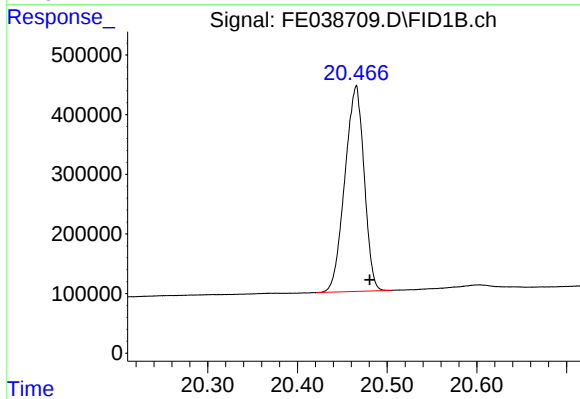
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 5949744
Conc: 37.74 ug/ml



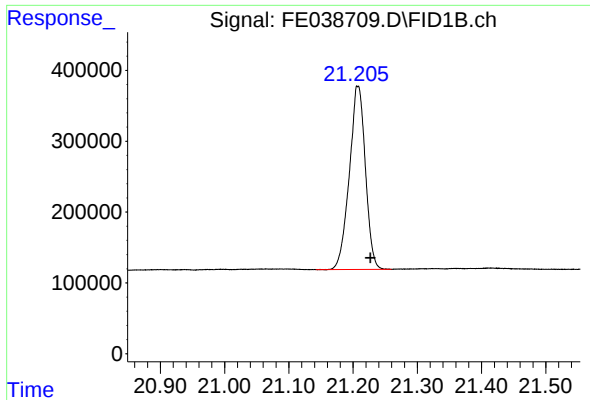
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.018 min
Response: 5841947
Conc: 39.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 5139922
Conc: 35.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 4491254
Conc: 33.25 ug/ml

Instrument :

FID_E

ClientSampleId :

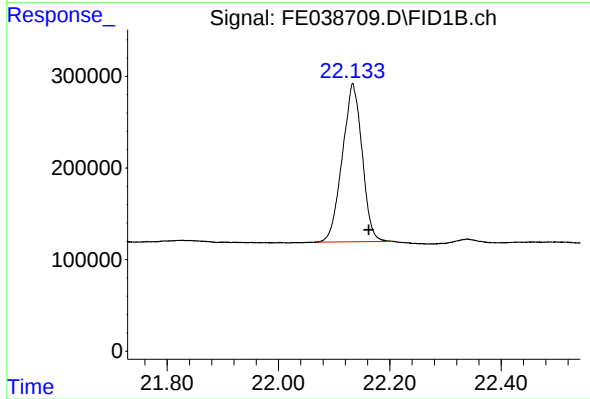
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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 4255283
Conc: 33.71 ug/ml m