

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038718.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 18:48
 Operator : YP\AJ
 Sample : PB148950BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148950BS

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 03:46:33 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	6505153	37.805 ug/ml
Spiked Amount 50.000		Recovery =	75.61%
12) S 1-chlorooctadecane (S...	13.397	5202841	38.004 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T n-Nonane (C9)	3.366	5127060	33.290 ug/ml
2) T n-Decane (C10)	4.611	5320445	34.276 ug/mlm
3) T A~Naphthalene (C11.7)	6.312	6026763	35.587 ug/ml
4) T n-Dodecane (C12)	6.770	5689017	36.418 ug/ml
5) T A~2-methylnaphthalene...	7.406	5946228	35.482 ug/ml
6) T n-Tetradecane (C14)	8.597	5969905	38.174 ug/ml
7) T n-Hexadecane (C16)	10.203	6408981	40.566 ug/ml
8) T n-Octadecane (C18)	11.644	6531909	40.779 ug/ml
10) T n-Eicosane (C20)	12.952	6250635	38.793 ug/ml
11) T n-Heneicosane (C21)	13.564	6144520	38.039 ug/ml
13) T n-Docosane (C22)	14.149	6124516	37.937 ug/ml
14) T n-Tetracosane (C24)	15.244	12136170	75.663 ug/ml
15) T n-Hexacosane (C26)	16.274	5959854	37.522 ug/ml
16) T n-Octacosane (C28)	17.221	5978848	38.108 ug/ml
17) T n-Tricontane (C30)	18.110	5866019	36.764 ug/mlm
18) T n-Dotriacontane (C32)	18.940	6070908	38.504 ug/ml
19) T n-Tetratriacontane (C34)	19.724	6263363	42.485 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	6245291	43.709 ug/ml
21) T n-Octatriacontane (C38)	21.205	6499616	48.123 ug/ml
22) T n-Tetracontane (C40)	22.134	6684902	52.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB148950BS
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ALS Vial : 20 Sample Multiplier: 1

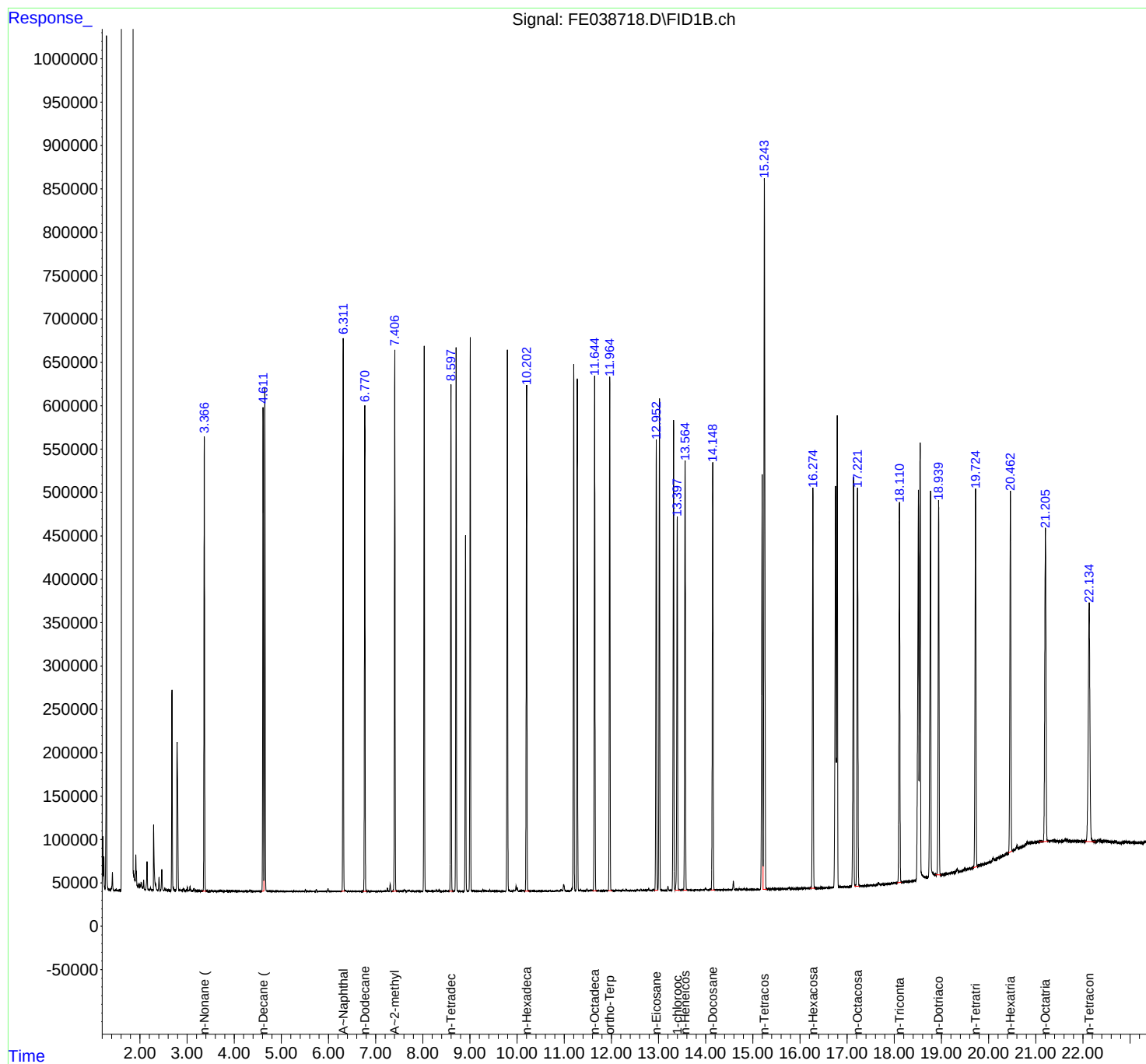
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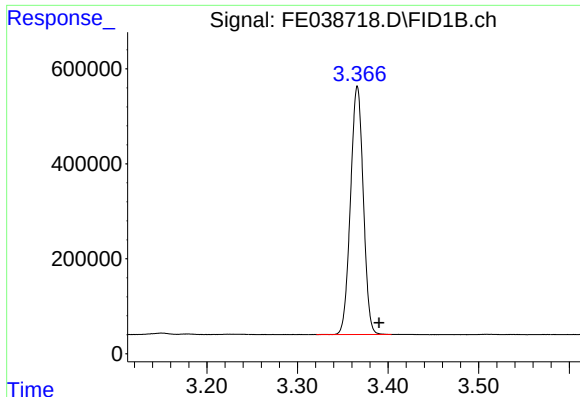
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#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.024 min
Response: 5127060
Conc: 33.29 ug/ml

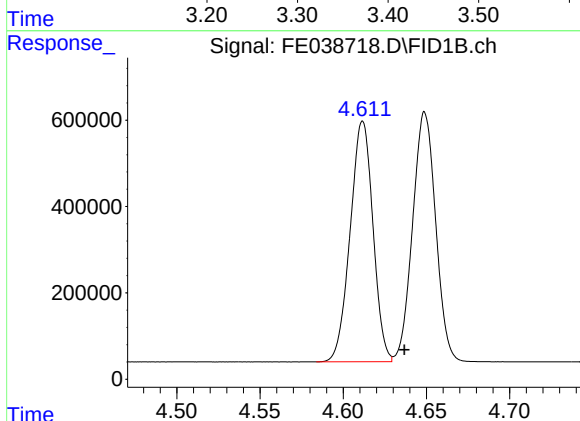
Instrument :

FID_E

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PB148950BS

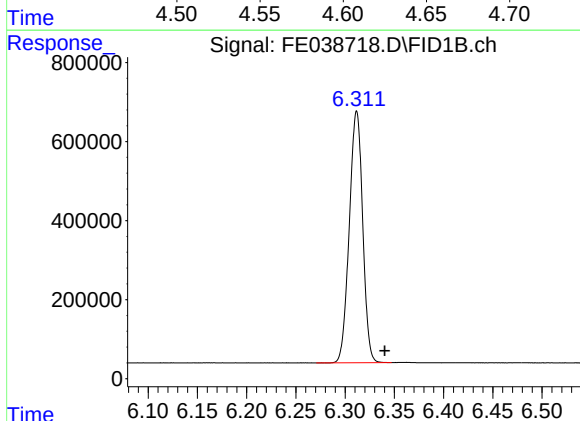
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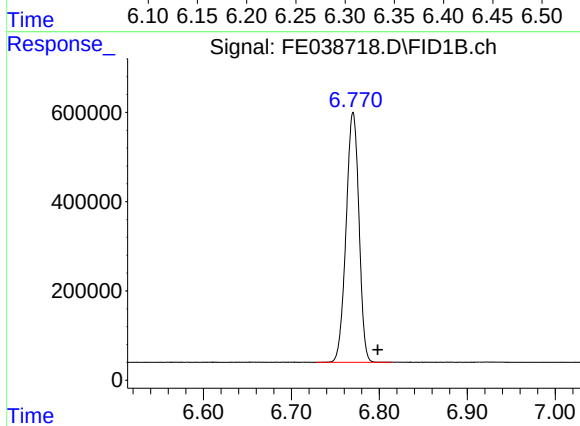
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.025 min
Response: 5320445
Conc: 34.28 ug/ml m



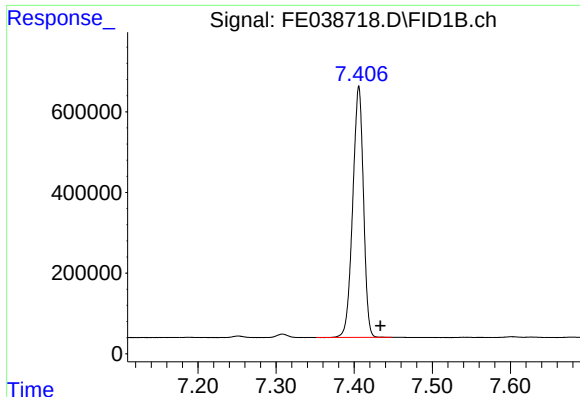
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 6026763
Conc: 35.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 5689017
Conc: 36.42 ug/ml



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

R.T.: 7.406 min
Delta R.T.: -0.028 min
Response: 5946228
Conc: 35.48 ug/ml

Instrument :

FID_E

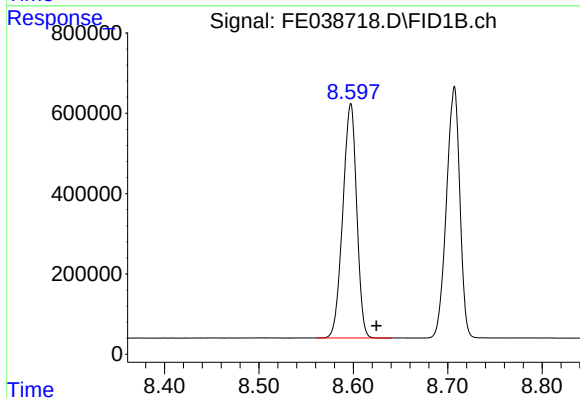
ClientSampleId :

PB148950BS

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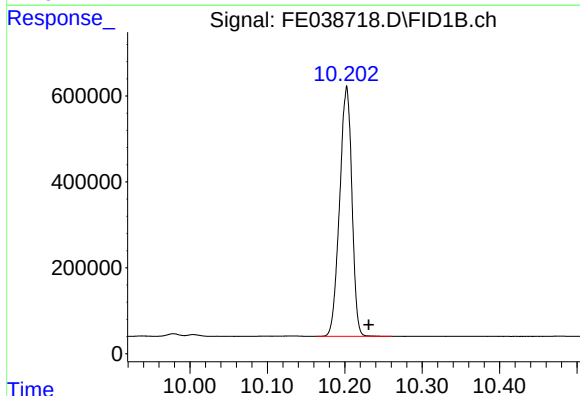
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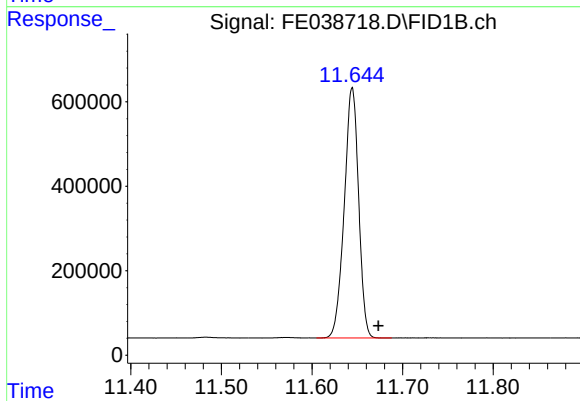
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 5969905
Conc: 38.17 ug/ml



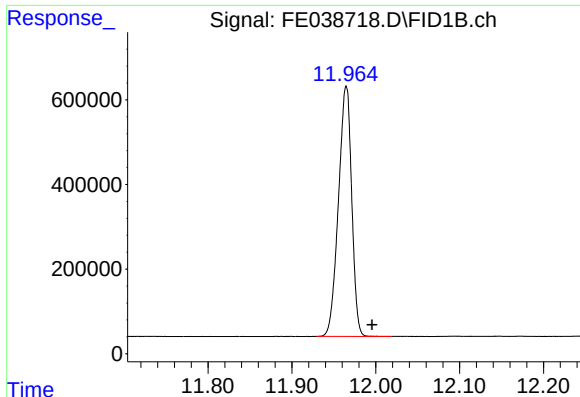
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.029 min
Response: 6408981
Conc: 40.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 6531909
Conc: 40.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.031 min
Response: 6505153
Conc: 37.80 ug/ml

Instrument :

FID_E

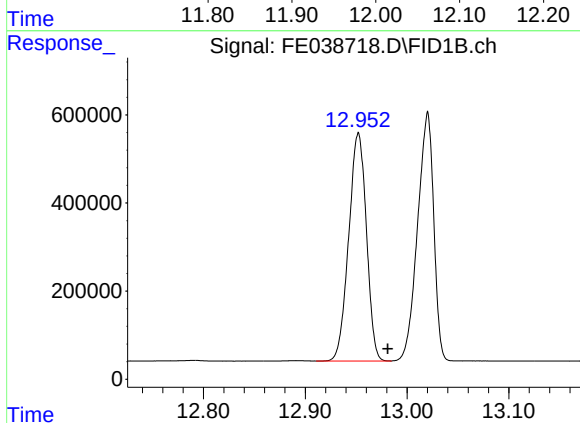
ClientSampleId :

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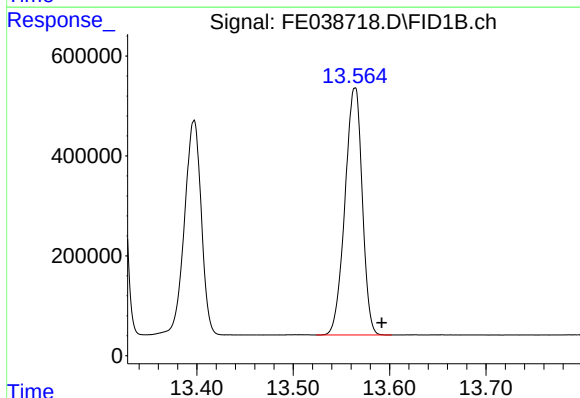
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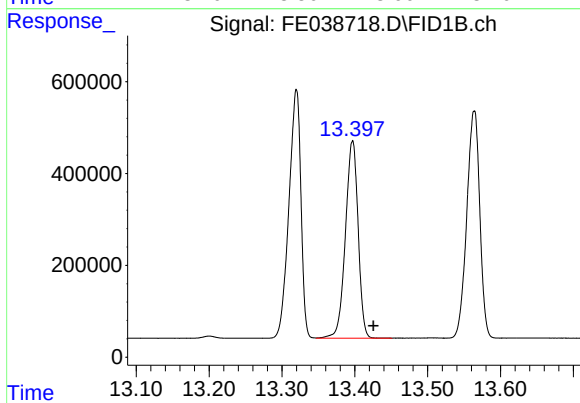
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.029 min
Response: 6250635
Conc: 38.79 ug/ml



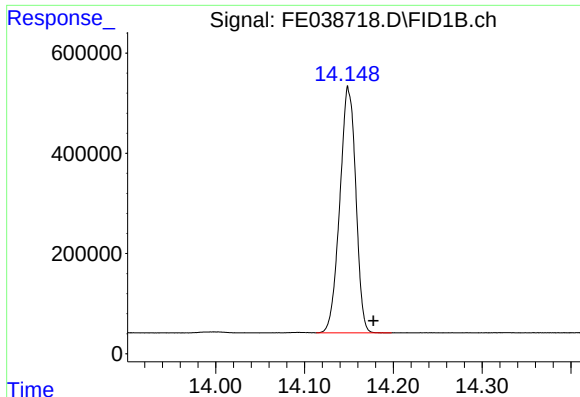
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 6144520
Conc: 38.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 5202841
Conc: 38.00 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.028 min
Response: 6124516
Conc: 37.94 ug/ml

Instrument :

FID_E

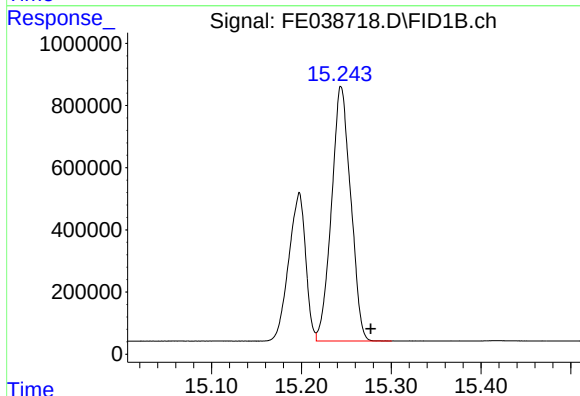
ClientSampleId :

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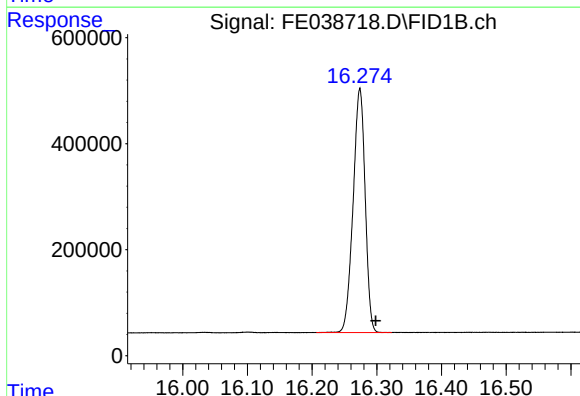
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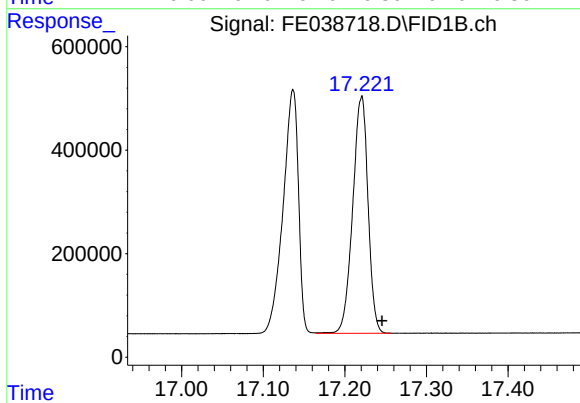
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.033 min
Response: 12136170
Conc: 75.66 ug/ml



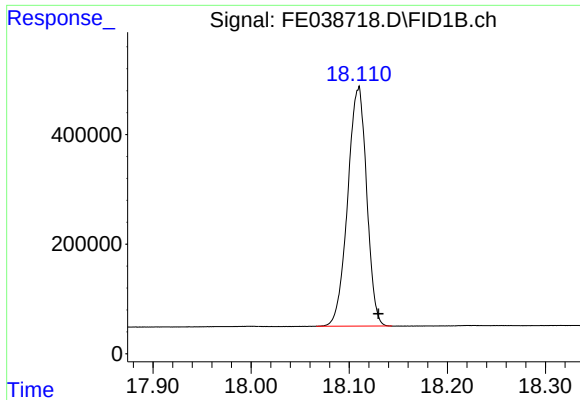
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 5959854
Conc: 37.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 5978848
Conc: 38.11 ug/ml



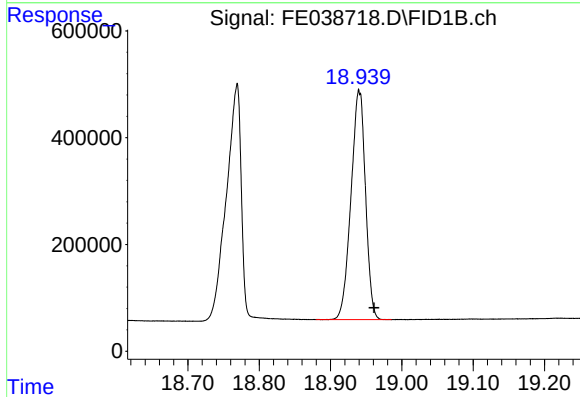
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.020 min
Response: 5866019
Conc: 36.76 ug/ml

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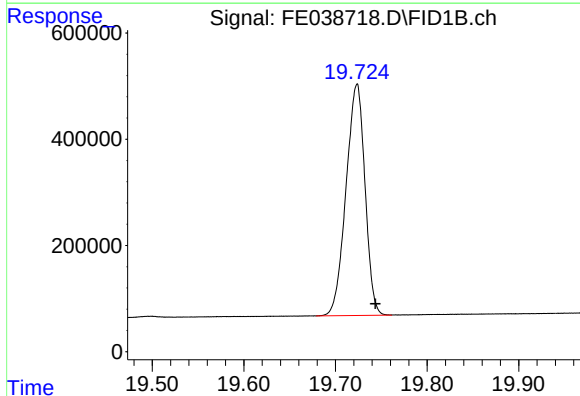
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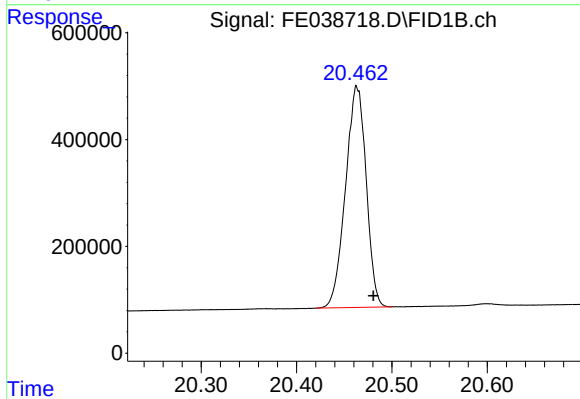
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.021 min
Response: 6070908
Conc: 38.50 ug/ml



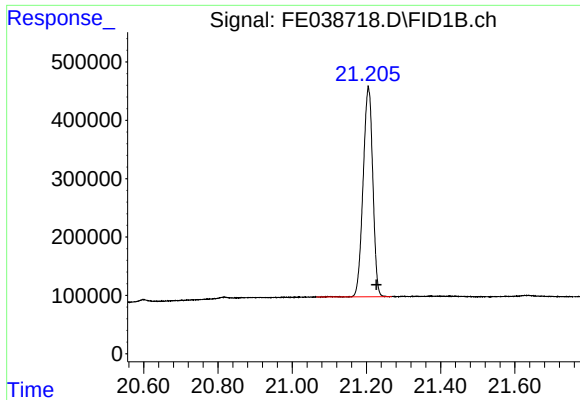
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 6263363
Conc: 42.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.017 min
Response: 6245291
Conc: 43.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.022 min
Response: 6499616
Conc: 48.12 ug/ml

Instrument :

FID_E

ClientSampleId :

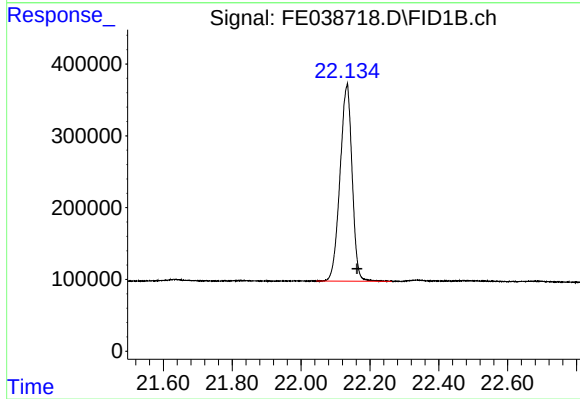
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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: -0.028 min
Response: 6684902
Conc: 52.96 ug/ml