

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038774.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 15:11
 Operator : YP\AJ
 Sample : PB149059BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149059BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:01:32 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)	11.966	6115955	35.543 ug/ml
Spiked Amount 50.000		Recovery =	71.09%
12) S 1-chlorooctadecane (S...	13.399	4590568	33.532 ug/ml
Spiked Amount 50.000		Recovery =	67.06%
Target Compounds			
1) T n-Nonane (C9)	3.366	5272622	34.235 ug/ml
2) T n-Decane (C10)	4.649	5703185	36.742 ug/ml
3) T A~Naphthalene (C11.7)	6.312	6140441	36.258 ug/ml
4) T n-Dodecane (C12)	6.770	5817972	37.243 ug/ml
5) T A~2-methylnaphthalene...	7.407	5973626	35.645 ug/ml
6) T n-Tetradecane (C14)	8.597	5760485	36.834 ug/ml
7) T n-Hexadecane (C16)	10.203	5933796	37.558 ug/ml
8) T n-Octadecane (C18)	11.646	6007825	37.507 ug/ml
10) T n-Eicosane (C20)	12.955	5737807	35.610 ug/ml
11) T n-Heneicosane (C21)	13.566	5616067	34.767 ug/ml
13) T n-Docosane (C22)	14.151	5590358	34.628 ug/ml
14) T n-Tetracosane (C24)	15.248	10879438	67.828 ug/ml
15) T n-Hexacosane (C26)	16.276	5378823	33.864 ug/ml
16) T n-Octacosane (C28)	17.225	5374718	34.258 ug/ml
17) T n-Tricontane (C30)	18.113	5252634	32.920 ug/mlm
18) T n-Dotriacontane (C32)	18.945	5383798	34.146 ug/ml
19) T n-Tetratriacontane (C34)	19.727	5465020	37.070 ug/mlm
20) T n-Hexatriacontane (C36)	20.468	5410138	37.864 ug/ml
21) T n-Octatriacontane (C38)	21.212	5598207	41.449 ug/ml
22) T n-Tetracontane (C40)	22.143	6056685	47.981 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149059BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

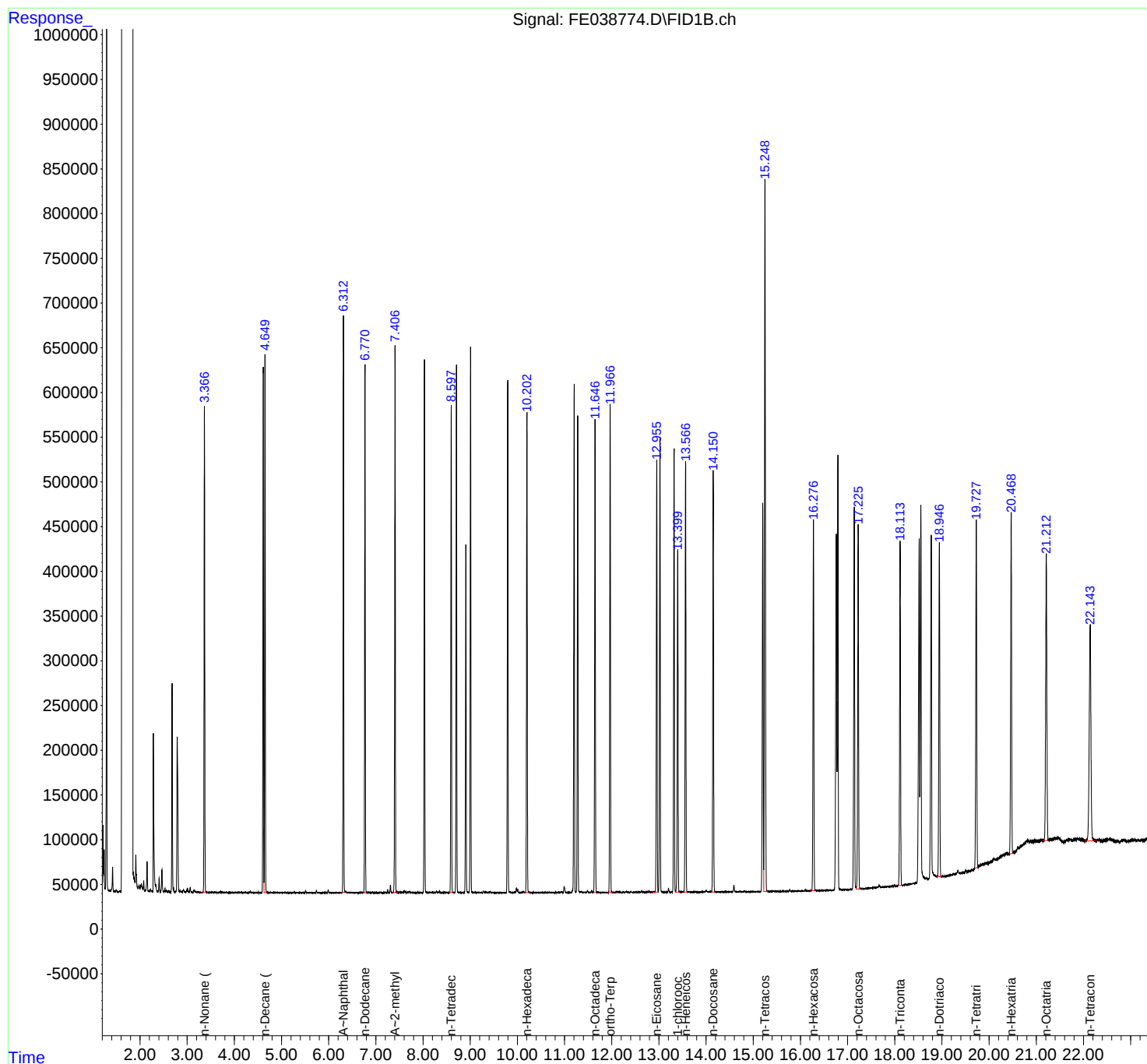
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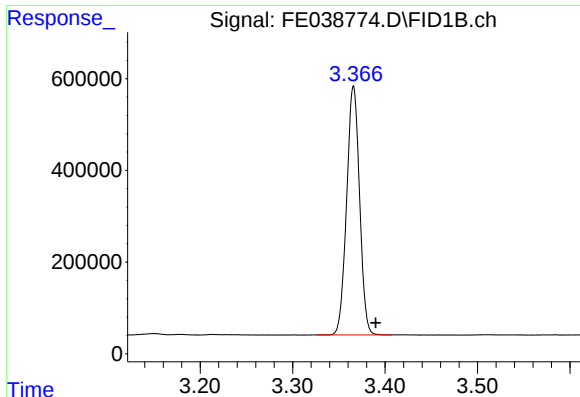
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#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.024 min
Response: 5272622
Conc: 34.24 ug/ml

Instrument :

FID_E

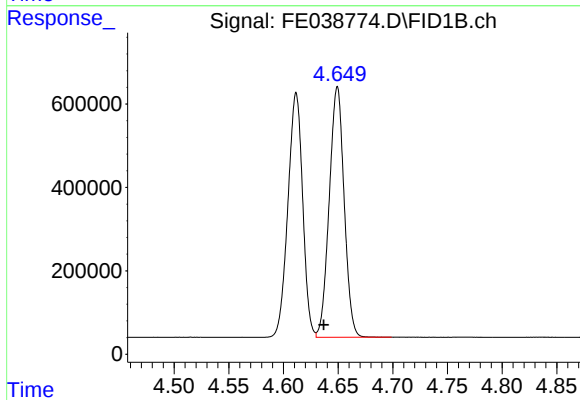
ClientSampleId :

PB149059BS

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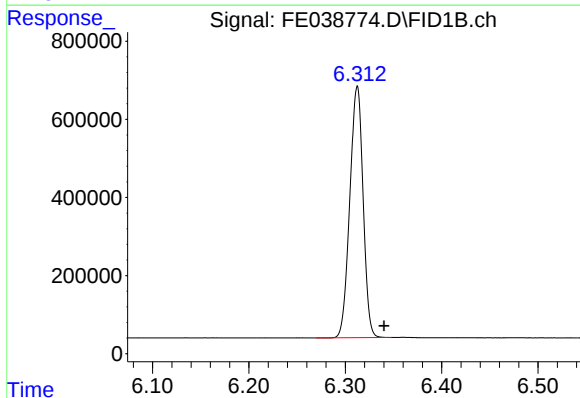
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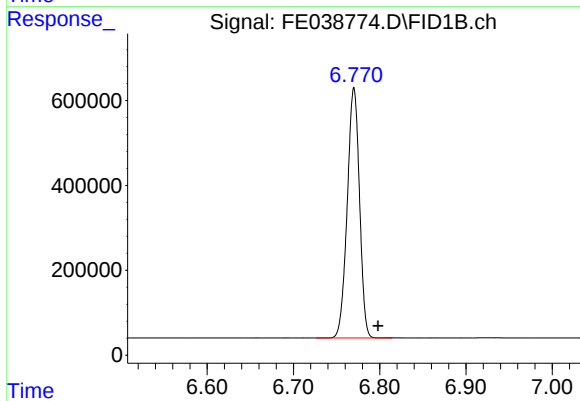
#2 n-Decane (C10)

R.T.: 4.649 min
Delta R.T.: 0.013 min
Response: 5703185
Conc: 36.74 ug/ml



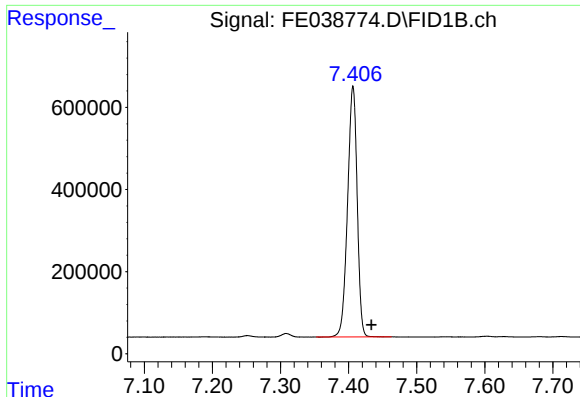
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 6140441
Conc: 36.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 5817972
Conc: 37.24 ug/ml



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

R.T.: 7.407 min
Delta R.T.: -0.027 min
Response: 5973626
Conc: 35.65 ug/ml

Instrument :

FID_E

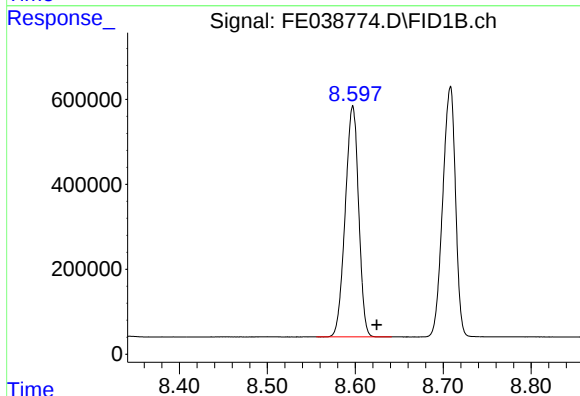
ClientSampleId :

PB149059BS

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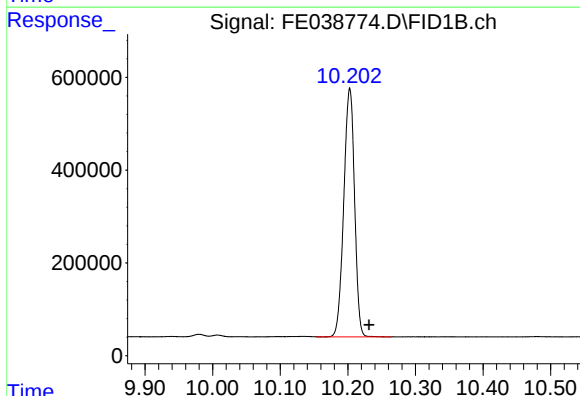
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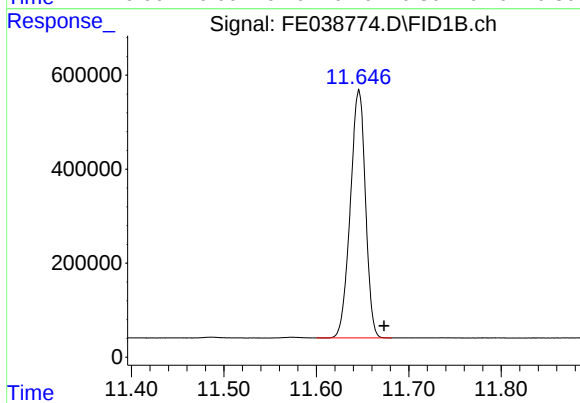
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 5760485
Conc: 36.83 ug/ml



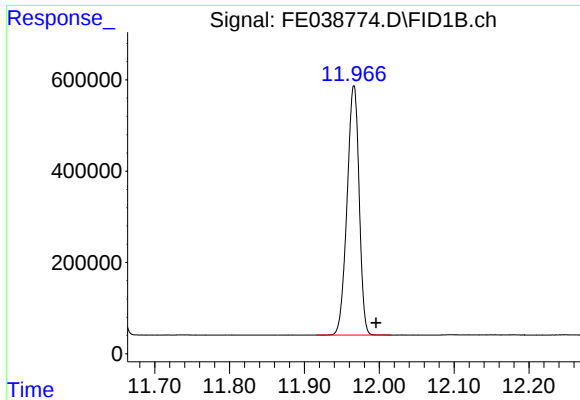
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 5933796
Conc: 37.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 6007825
Conc: 37.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.029 min
Response: 6115955
Conc: 35.54 ug/ml

Instrument :

FID_E

ClientSampleId :

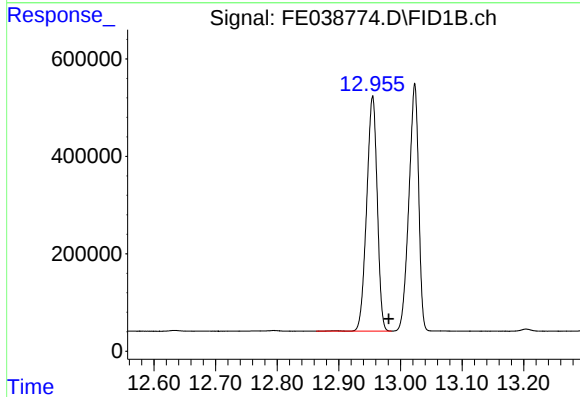
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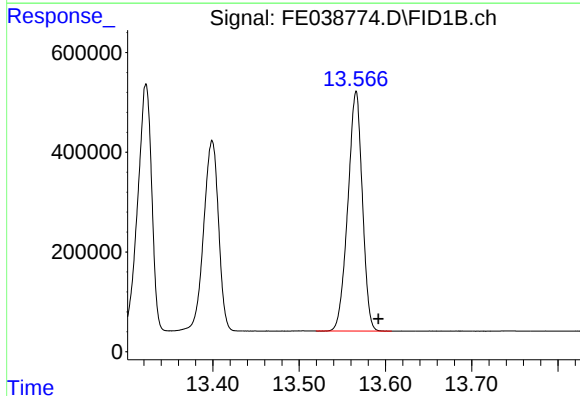
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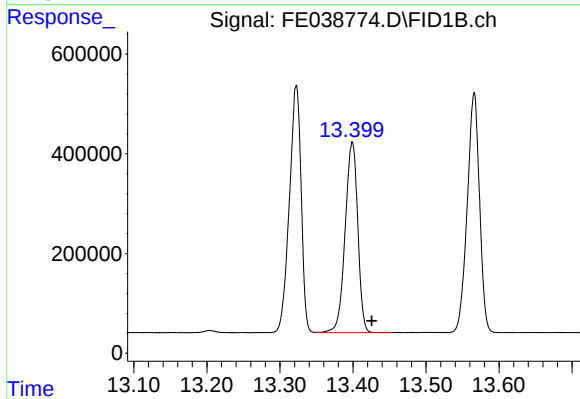
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.026 min
Response: 5737807
Conc: 35.61 ug/ml



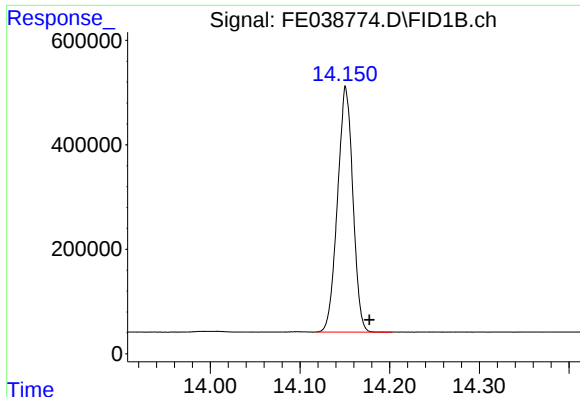
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 5616067
Conc: 34.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.027 min
Response: 4590568
Conc: 33.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.027 min
Response: 5590358
Conc: 34.63 ug/ml

Instrument :

FID_E

ClientSampleId :

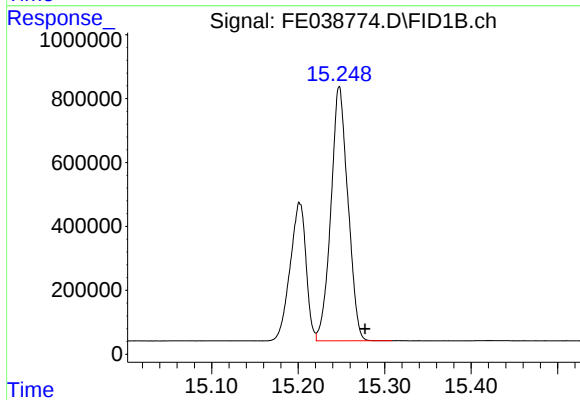
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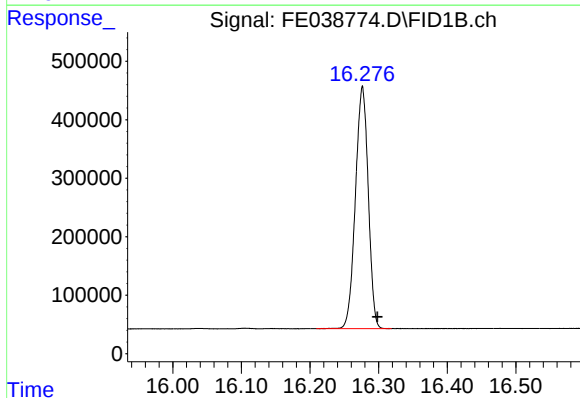
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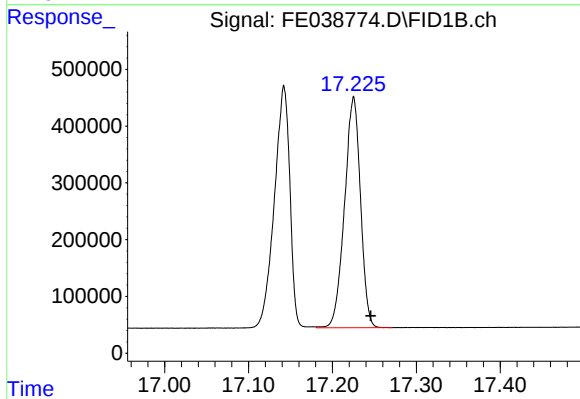
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.030 min
Response: 10879438
Conc: 67.83 ug/ml



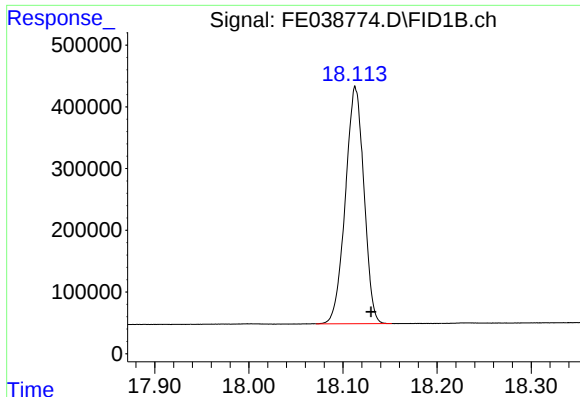
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.022 min
Response: 5378823
Conc: 33.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.020 min
Response: 5374718
Conc: 34.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.017 min
Response: 5252634
Conc: 32.92 ug/ml

Instrument :

FID_E

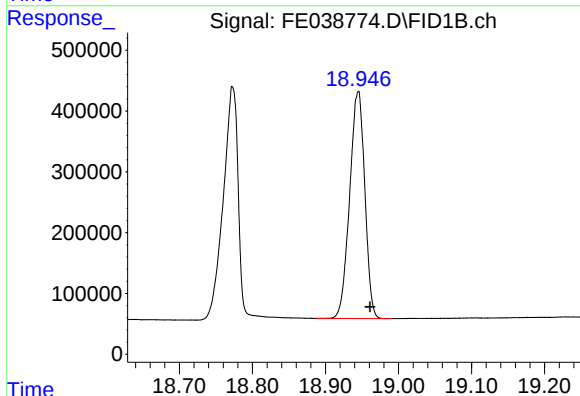
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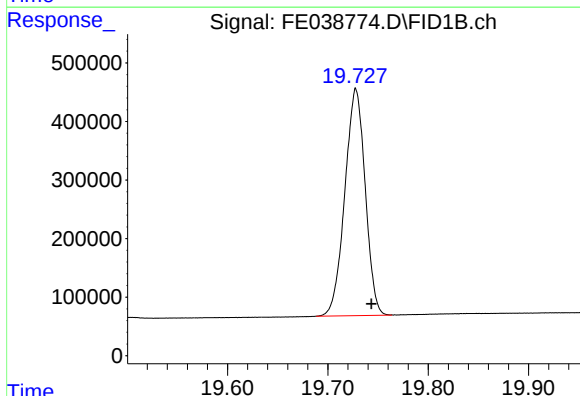
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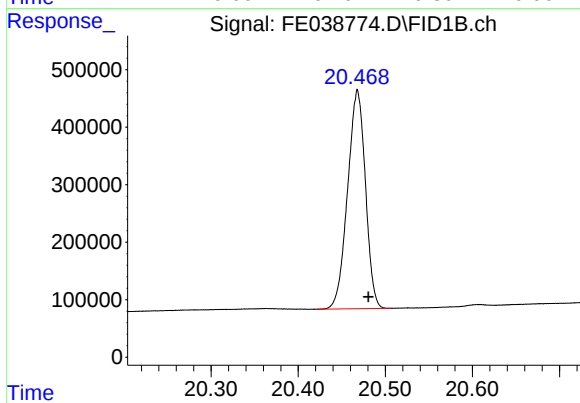
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.016 min
Response: 5383798
Conc: 34.15 ug/ml



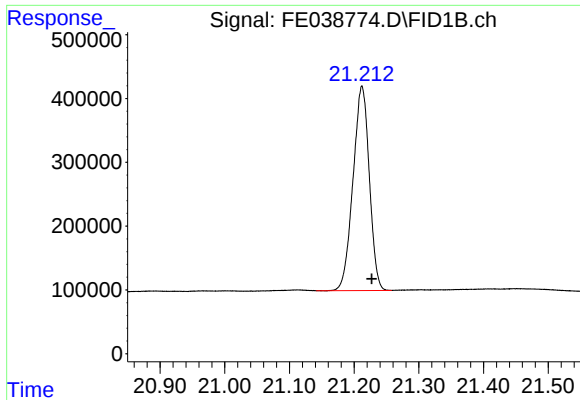
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.016 min
Response: 5465020
Conc: 37.07 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.013 min
Response: 5410138
Conc: 37.86 ug/ml



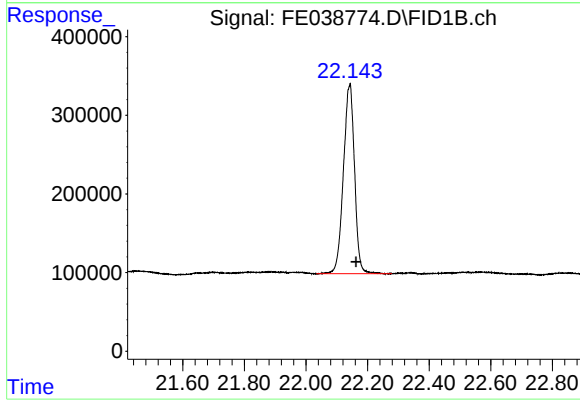
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 5598207
Conc: 41.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.019 min
Response: 6056685
Conc: 47.98 ug/ml