

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038537.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 16:21
 Operator : YP\AJ
 Sample : PB148778BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148778BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:31:21 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	8865440	51.522 ug/ml
Spiked Amount 50.000		Recovery =	103.04%
12) S 1-chlorooctadecane (S...	13.397	7078307	51.704 ug/ml
Spiked Amount 50.000		Recovery =	103.41%
Target Compounds			
1) T n-Nonane (C9)	3.368	5756180	37.375 ug/ml
2) T n-Decane (C10)	4.614	6678895	43.028 ug/mlm
3) T A~Naphthalene (C11.7)	6.312	7915740	46.741 ug/ml
4) T n-Dodecane (C12)	6.772	7497042	47.991 ug/ml
5) T A~2-methylnaphthalene...	7.406	7733042	46.144 ug/ml
6) T n-Tetradecane (C14)	8.599	7509955	48.021 ug/ml
7) T n-Hexadecane (C16)	10.203	7782290	49.258 ug/ml
8) T n-Octadecane (C18)	11.645	7930587	49.511 ug/ml
10) T n-Eicosane (C20)	12.953	7622569	47.308 ug/ml
11) T n-Heneicosane (C21)	13.564	7490678	46.372 ug/ml
13) T n-Docosane (C22)	14.149	7466755	46.251 ug/ml
14) T n-Tetracosane (C24)	15.238	14360706	89.532 ug/ml
15) T n-Hexacosane (C26)	16.271	7176174	45.180 ug/ml
16) T n-Octacosane (C28)	17.217	7121903	45.394 ug/ml
17) T n-Tricontane (C30)	18.105	6895722	43.218 ug/mlm
18) T n-Dotriacontane (C32)	18.935	6897776	43.748 ug/ml
19) T n-Tetratriacontane (C34)	19.717	6610813	44.842 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	5923593	41.457 ug/ml
21) T n-Octatriacontane (C38)	21.195	5592728	41.408 ug/ml
22) T n-Tetracontane (C40)	22.116	5333645	42.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 16 Sample Multiplier: 1

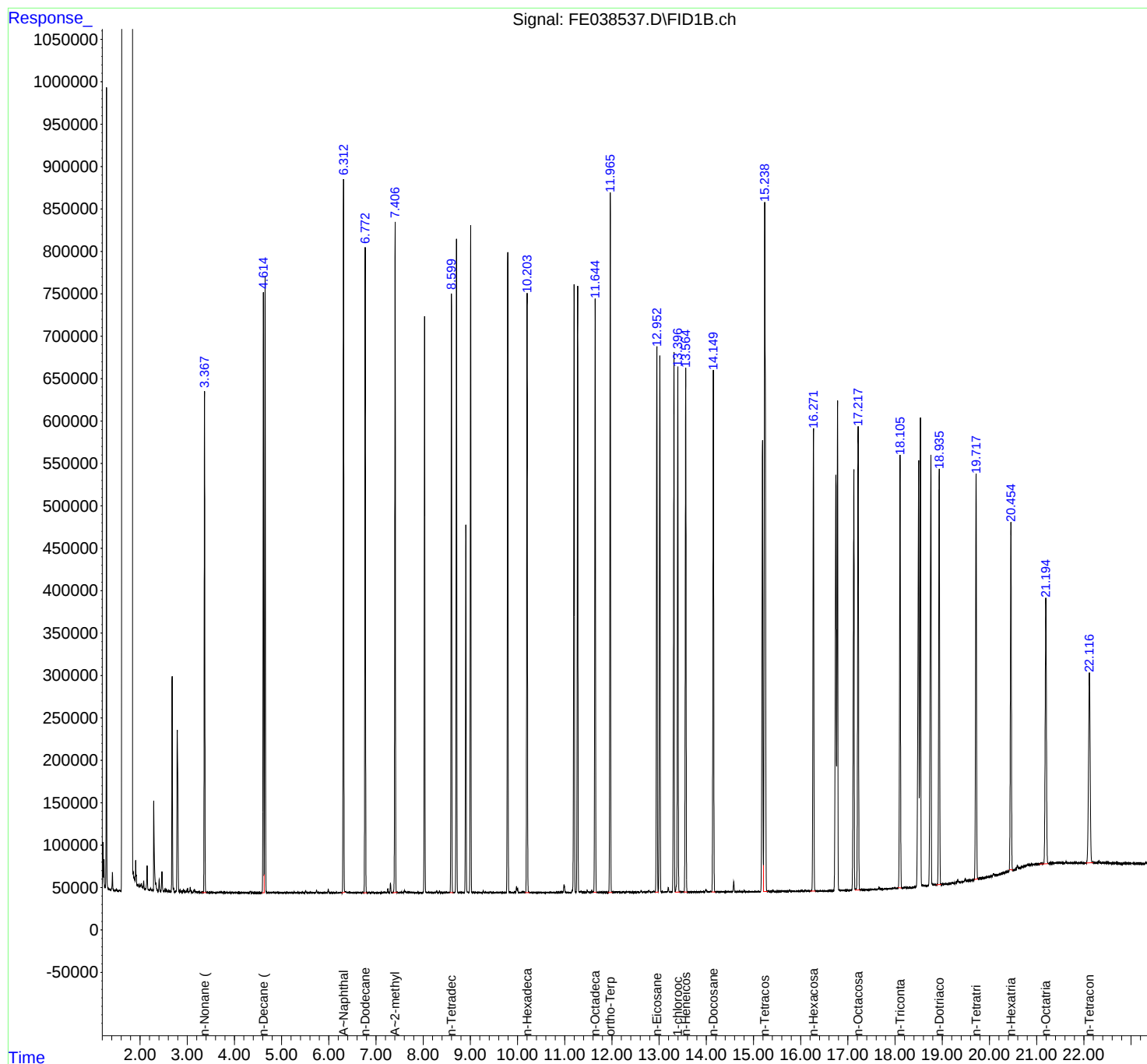
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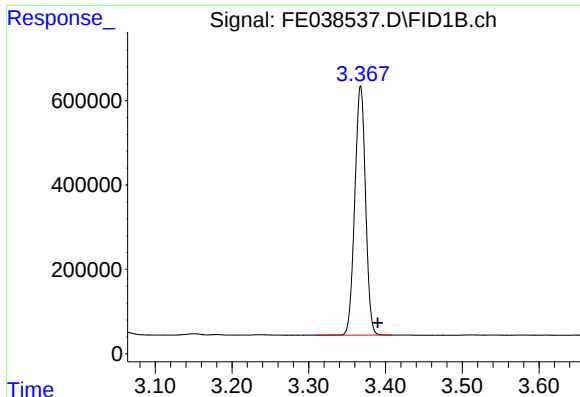
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#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.022 min
Response: 5756180
Conc: 37.37 ug/ml

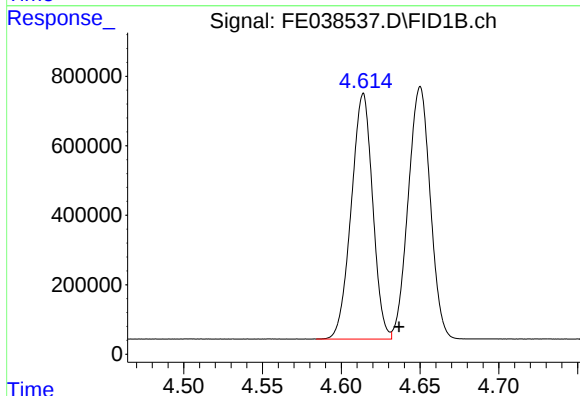
Instrument :

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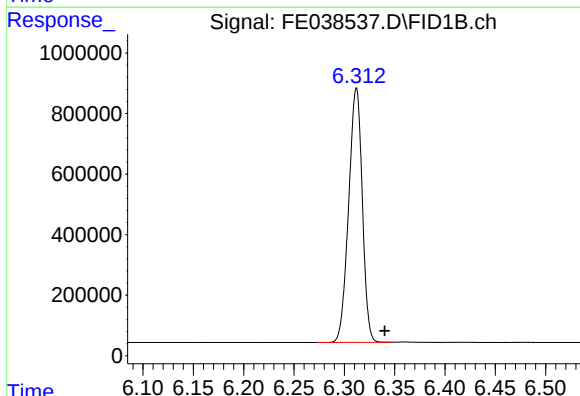
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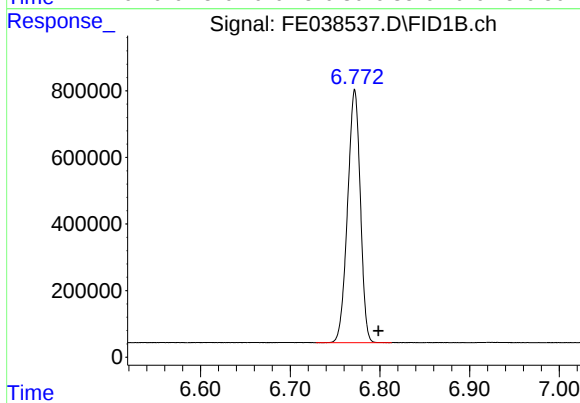
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.023 min
Response: 6678895
Conc: 43.03 ug/ml m



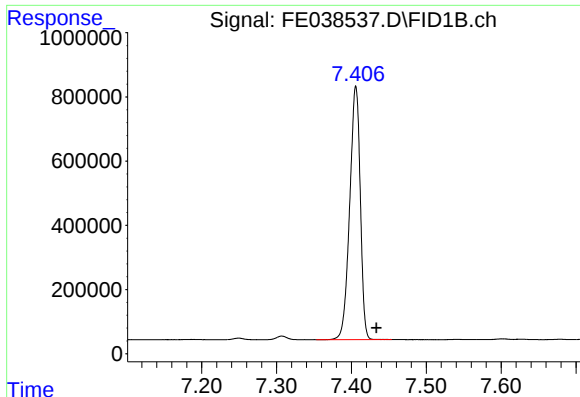
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 7915740
Conc: 46.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.026 min
Response: 7497042
Conc: 47.99 ug/ml



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

R.T.: 7.406 min
Delta R.T.: -0.028 min
Response: 7733042
Conc: 46.14 ug/ml

Instrument :

FID_E

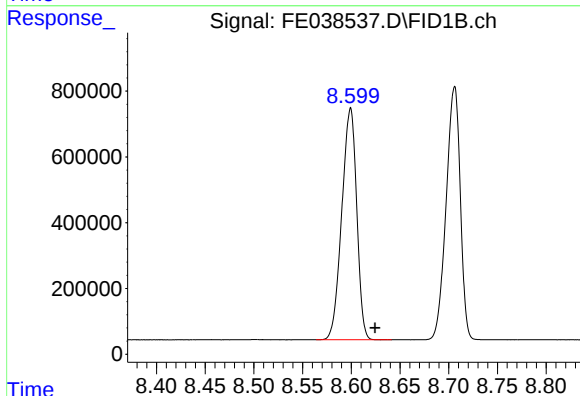
ClientSampleId :

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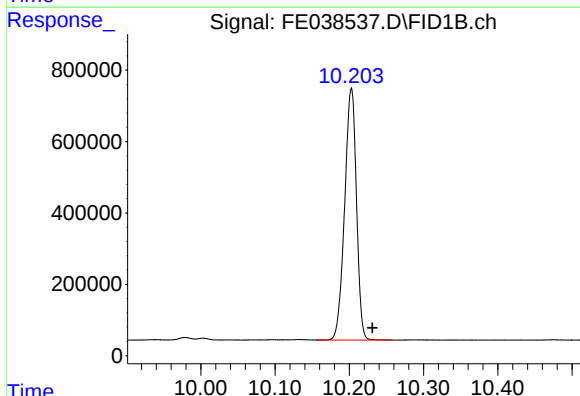
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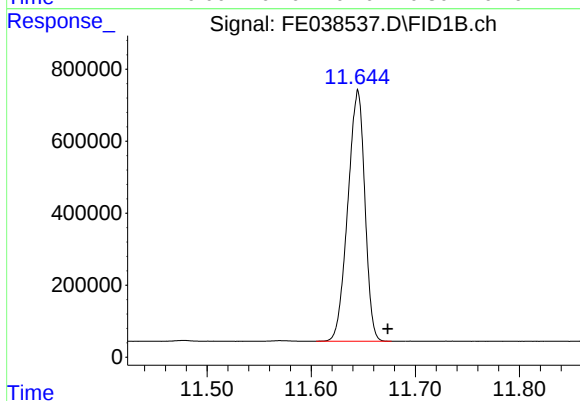
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.025 min
Response: 7509955
Conc: 48.02 ug/ml



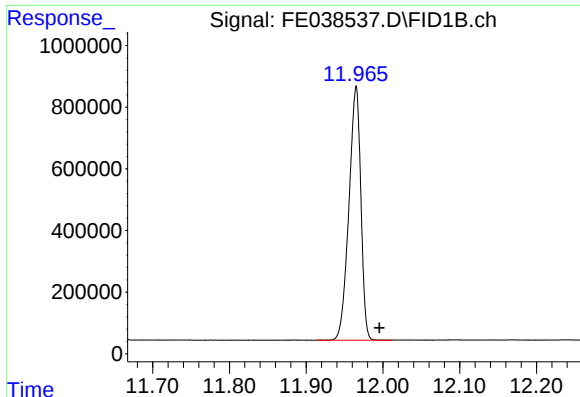
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 7782290
Conc: 49.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 7930587
Conc: 49.51 ug/ml



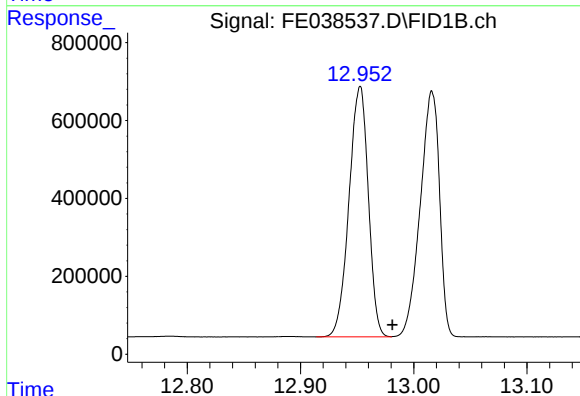
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.030 min
Response: 8865440
Conc: 51.52 ug/ml

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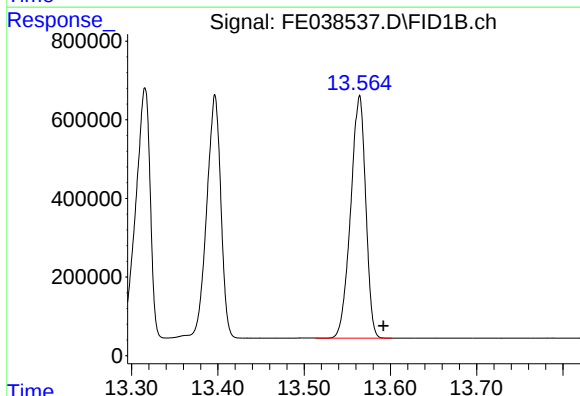
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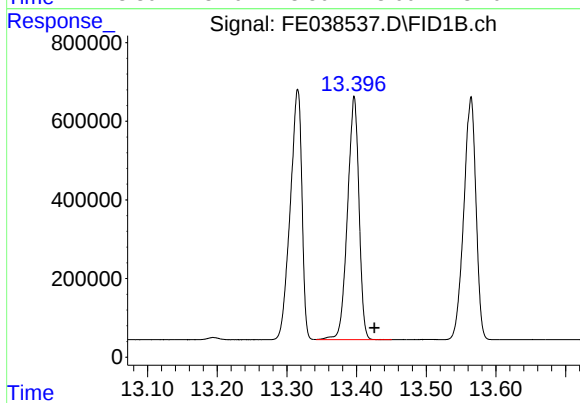
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 7622569
Conc: 47.31 ug/ml



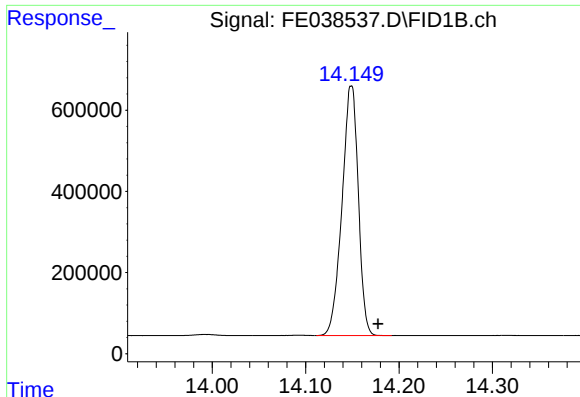
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 7490678
Conc: 46.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 7078307
Conc: 51.70 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 7466755
Conc: 46.25 ug/ml

Instrument :

FID_E

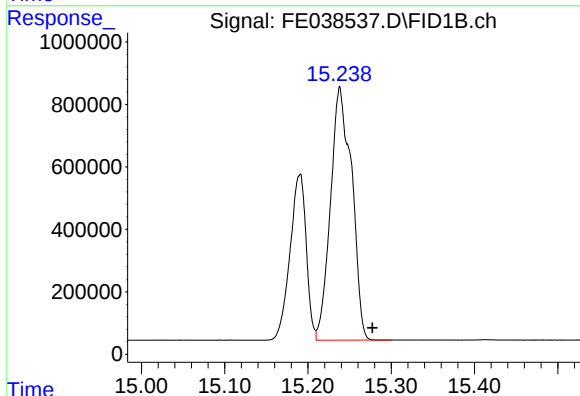
ClientSampleId :

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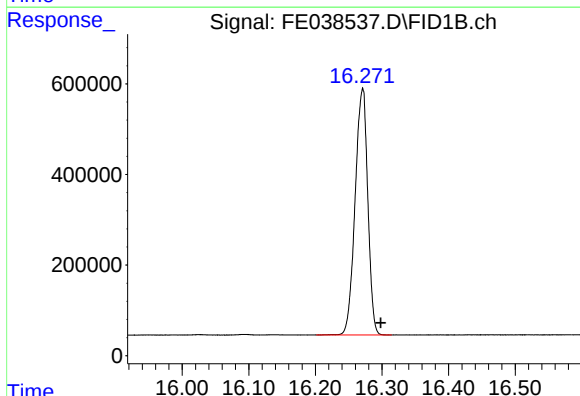
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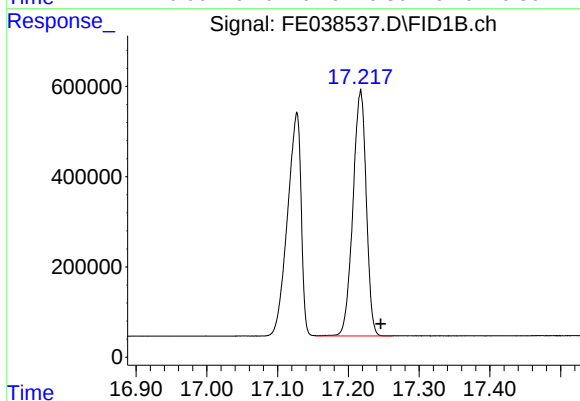
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.039 min
Response: 14360706
Conc: 89.53 ug/ml



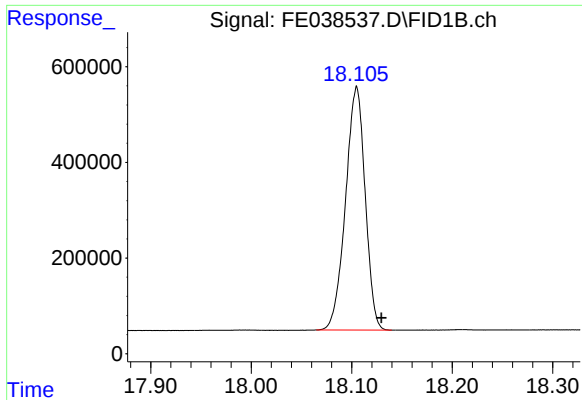
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.027 min
Response: 7176174
Conc: 45.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.028 min
Response: 7121903
Conc: 45.39 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.025 min
Response: 6895722
Conc: 43.22 ug/ml

Instrument :

FID_E

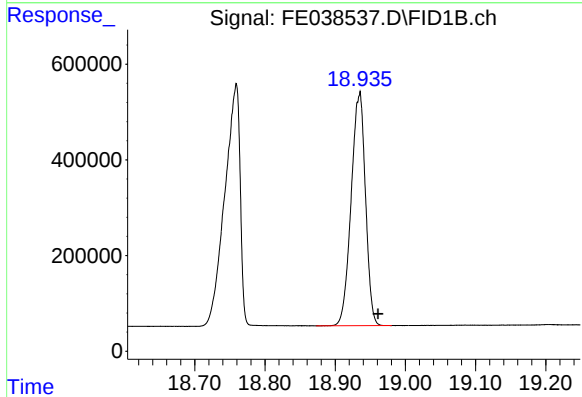
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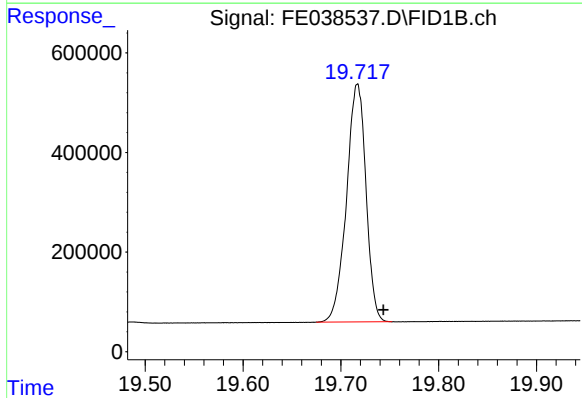
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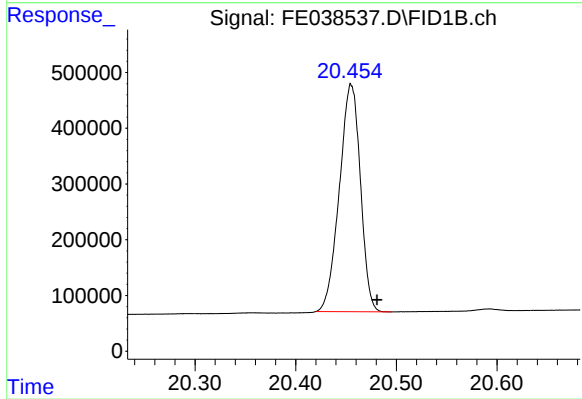
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.026 min
Response: 6897776
Conc: 43.75 ug/ml



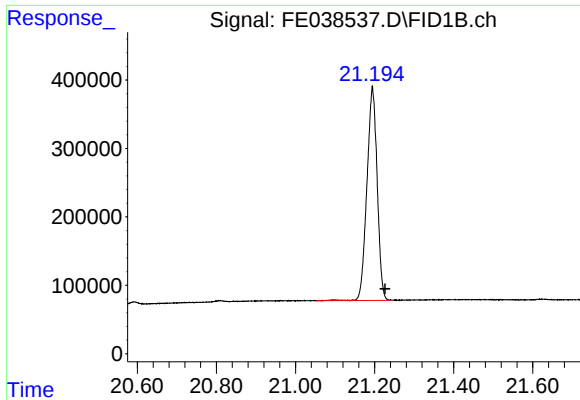
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.026 min
Response: 6610813
Conc: 44.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.026 min
Response: 5923593
Conc: 41.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.033 min
Response: 5592728
Conc: 41.41 ug/ml

Instrument :

FID_E

ClientSampleId :

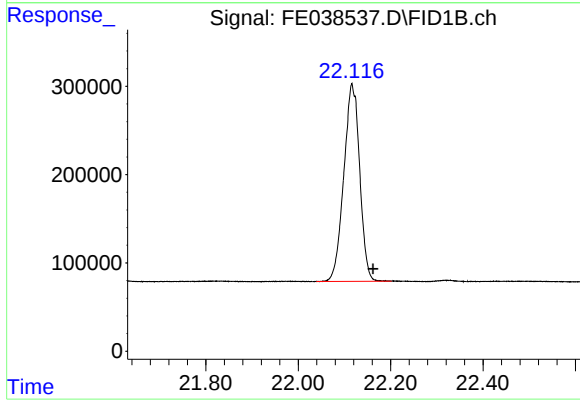
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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.046 min
Response: 5333645
Conc: 42.25 ug/ml