

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038834.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 17:47
 Operator : YP\AJ
 Sample : PB149158BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149158BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File: sample.E
 Quant Time: Nov 20 10:18:45 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)	11.962	8319770	48.351 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
12) S 1-chlorooctadecane (S...	13.395	6289241	45.940 ug/ml
Spiked Amount 50.000		Recovery =	91.88%
Target Compounds			
1) T n-Nonane (C9)	3.359	6478957	42.068 ug/ml
2) T n-Decane (C10)	4.606	7197954	46.372 ug/mlm
3) T A~Naphthalene (C11.7)	6.307	8322119	49.141 ug/ml
4) T n-Dodecane (C12)	6.767	7908218	50.623 ug/ml
5) T A~2-methylnaphthalene...	7.402	8188537	48.862 ug/ml
6) T n-Tetradecane (C14)	8.594	7900177	50.516 ug/ml
7) T n-Hexadecane (C16)	10.199	8188885	51.832 ug/ml
8) T n-Octadecane (C18)	11.642	8361323	52.200 ug/ml
10) T n-Eicosane (C20)	12.952	8040848	49.904 ug/ml
11) T n-Heneicosane (C21)	13.564	7915014	48.999 ug/ml
13) T n-Docosane (C22)	14.148	7898049	48.922 ug/ml
14) T n-Tetracosane (C24)	15.245	15278582	95.254 ug/ml
15) T n-Hexacosane (C26)	16.274	7628906	48.030 ug/ml
16) T n-Octacosane (C28)	17.222	7594004	48.403 ug/ml
17) T n-Tricontane (C30)	18.110	7339275	45.998 ug/ml
18) T n-Dotriacontane (C32)	18.942	7434284	47.151 ug/ml
19) T n-Tetratriacontane (C34)	19.725	7569354	51.344 ug/ml
20) T n-Hexatriacontane (C36)	20.465	7598499	53.179 ug/ml
21) T n-Octatriacontane (C38)	21.209	8175938	60.534 ug/mlm
22) T n-Tetracontane (C40)	22.137	8779327	69.550 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149158BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

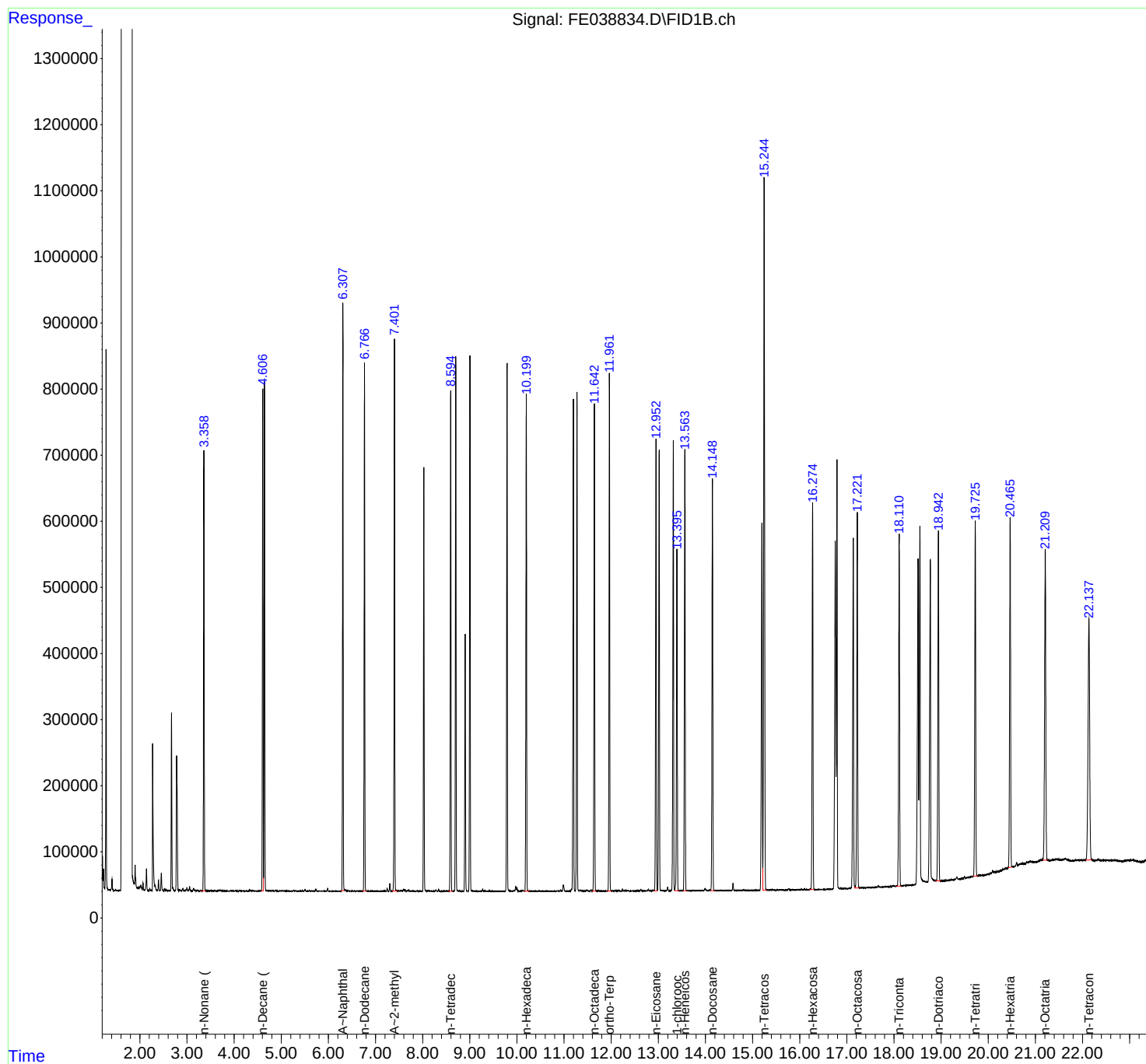
Instrument :
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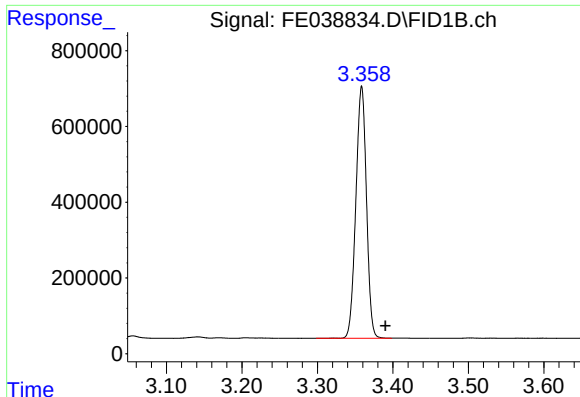
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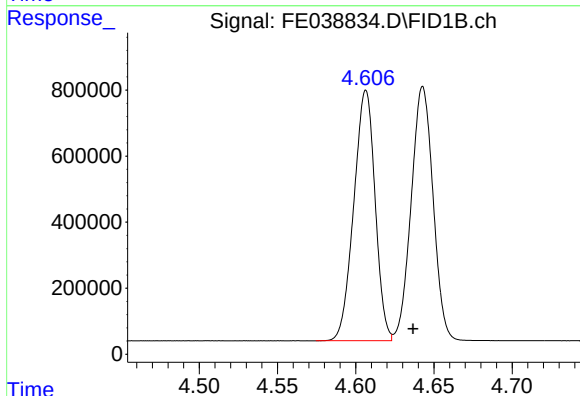
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.031 min
Response: 6478957
Conc: 42.07 ug/ml

Instrument :
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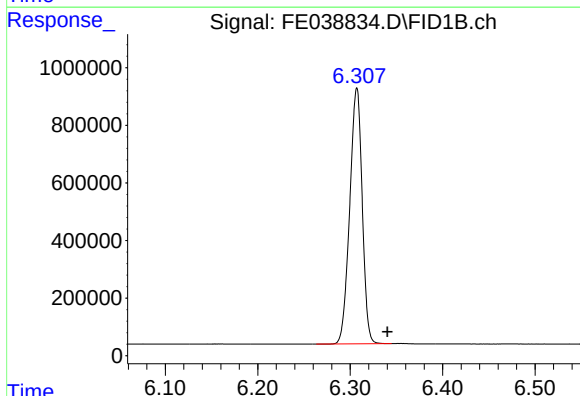
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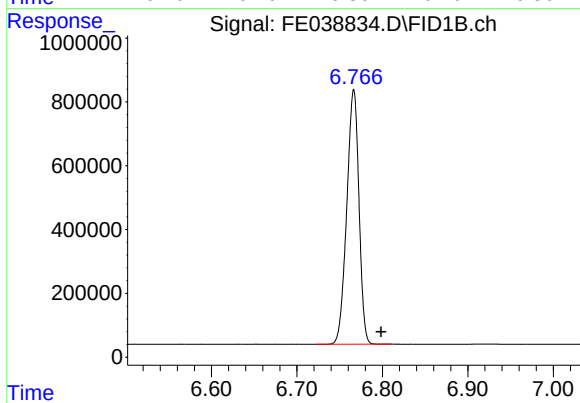
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.031 min
Response: 7197954
Conc: 46.37 ug/ml m



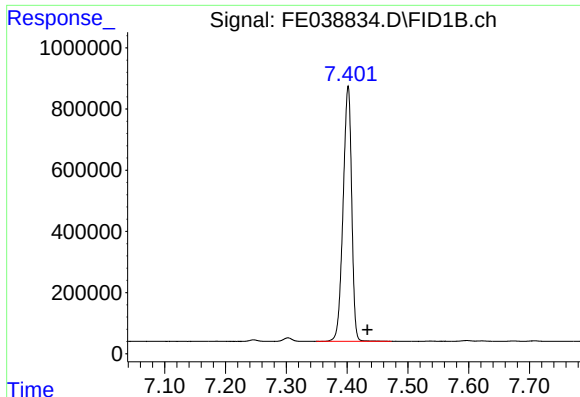
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 8322119
Conc: 49.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.032 min
Response: 7908218
Conc: 50.62 ug/ml



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

R.T.: 7.402 min
Delta R.T.: -0.032 min
Response: 8188537
Conc: 48.86 ug/ml

Instrument :

FID_E

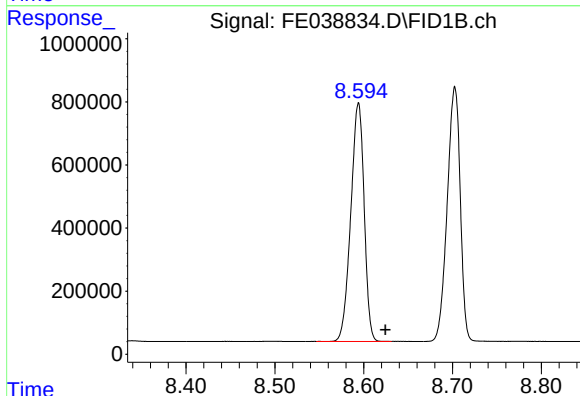
ClientSampleId :

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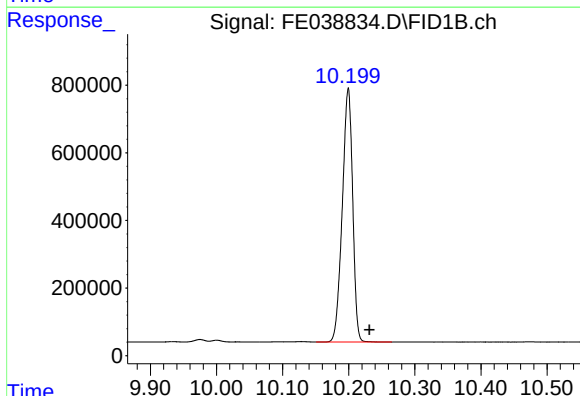
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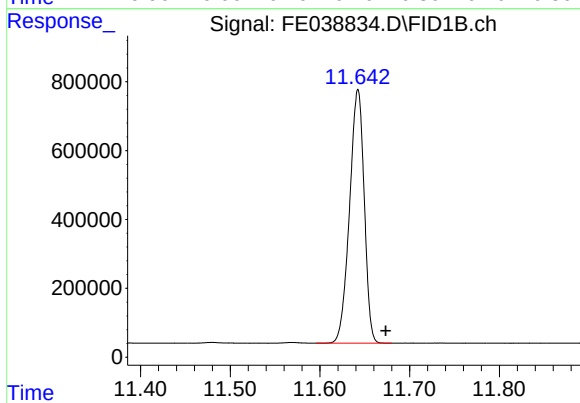
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.030 min
Response: 7900177
Conc: 50.52 ug/ml



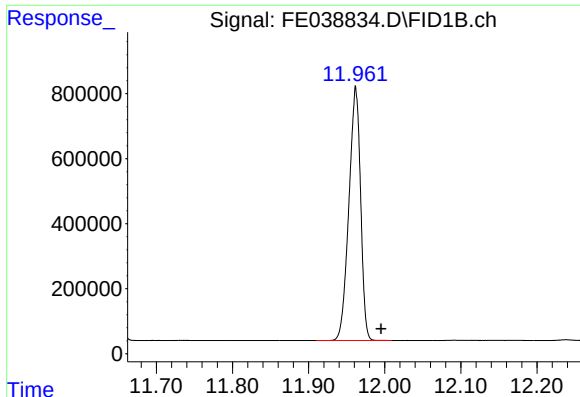
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.032 min
Response: 8188885
Conc: 51.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.031 min
Response: 8361323
Conc: 52.20 ug/ml



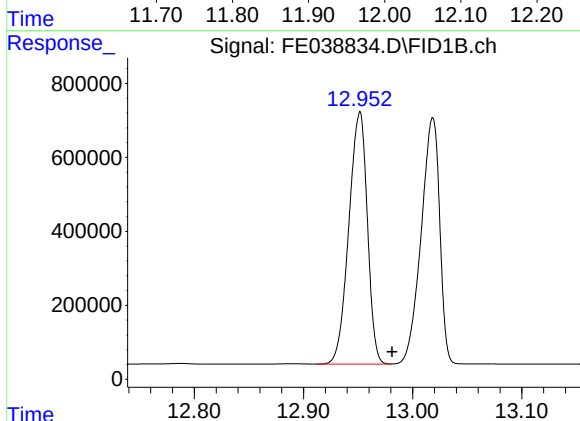
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.034 min
Response: 8319770
Conc: 48.35 ug/ml

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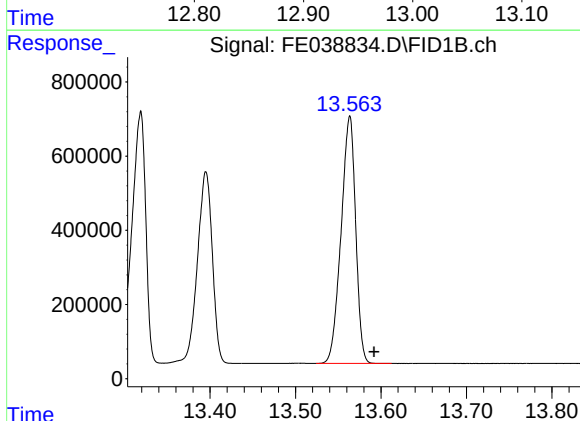
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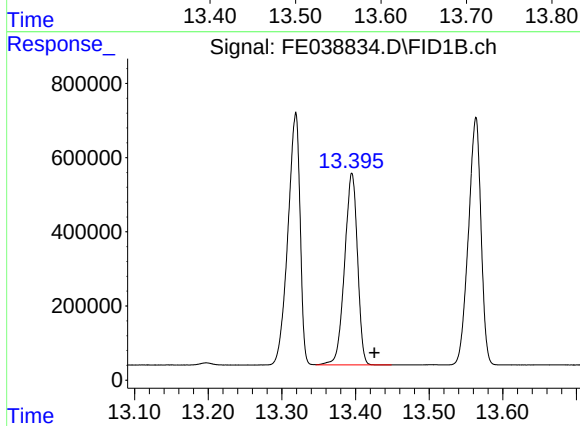
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.029 min
Response: 8040848
Conc: 49.90 ug/ml



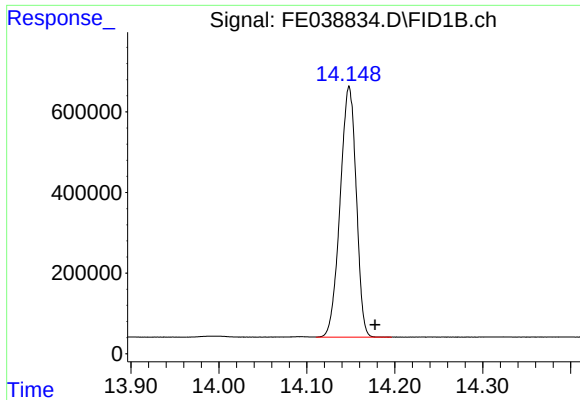
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 7915014
Conc: 49.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.030 min
Response: 6289241
Conc: 45.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.029 min
Response: 7898049
Conc: 48.92 ug/ml

Instrument :

FID_E

ClientSampleId :

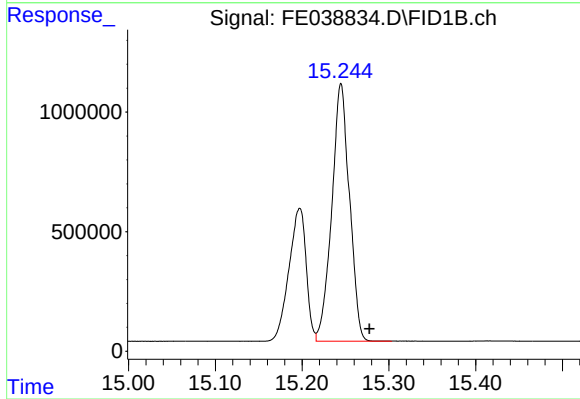
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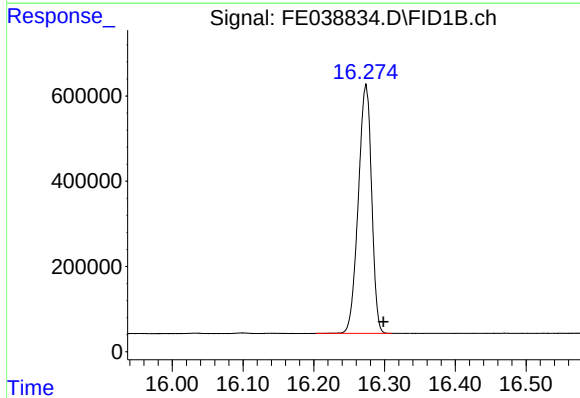
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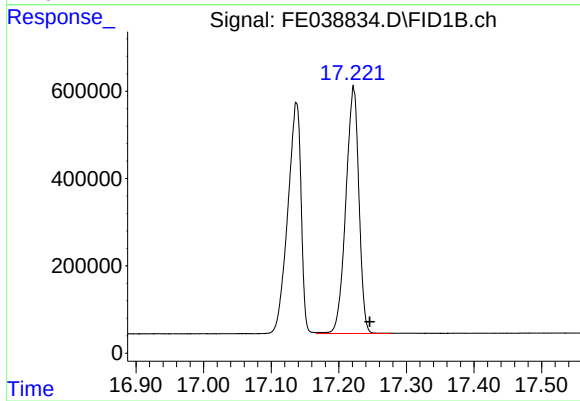
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.033 min
Response: 15278582
Conc: 95.25 ug/ml



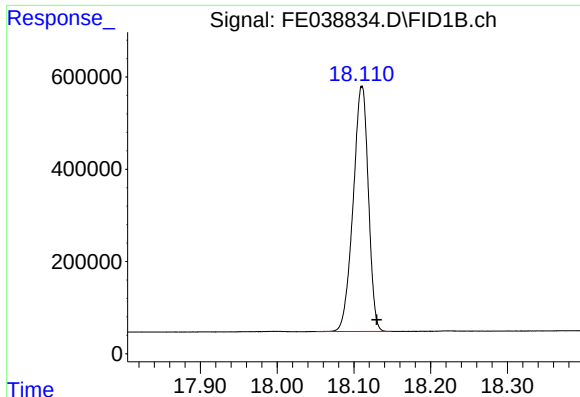
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 7628906
Conc: 48.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.024 min
Response: 7594004
Conc: 48.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.019 min
Response: 7339275
Conc: 46.00 ug/ml

Instrument :

FID_E

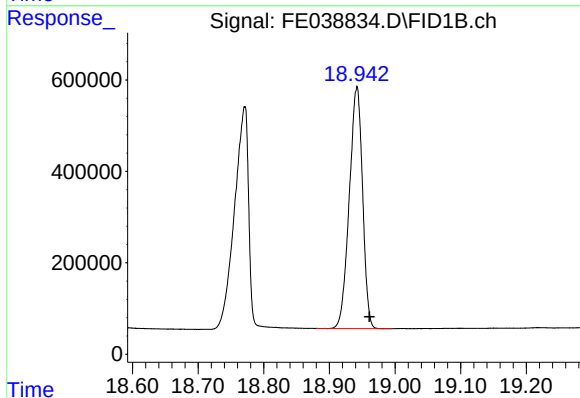
ClientSampleId :

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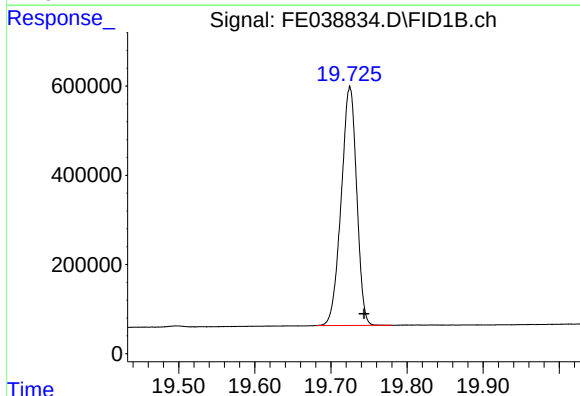
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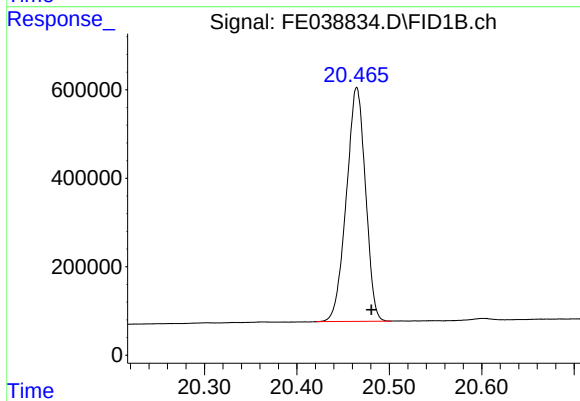
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 7434284
Conc: 47.15 ug/ml



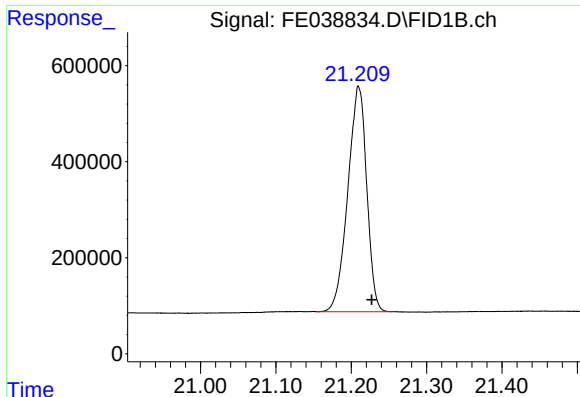
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 7569354
Conc: 51.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 7598499
Conc: 53.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 8175938
Conc: 60.53 ug/ml

Instrument :

FID_E

ClientSampleId :

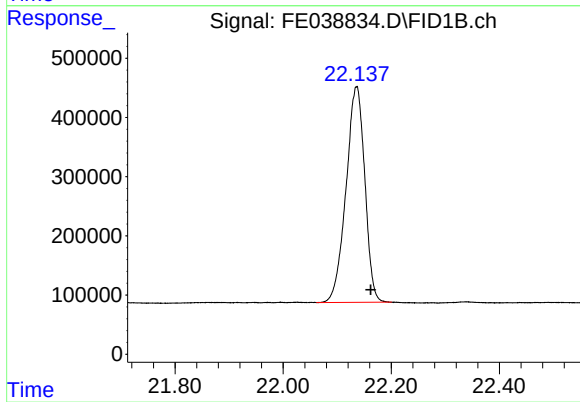
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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.026 min
Response: 8779327
Conc: 69.55 ug/ml m