

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038835.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 18:18
 Operator : YP\AJ
 Sample : PB149158BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149158BSD

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 10:18:52 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	8327792	48.397 ug/ml
Spiked Amount 50.000		Recovery =	96.79%
12) S 1-chlorooctadecane (S...	13.394	6294429	45.978 ug/ml
Spiked Amount 50.000		Recovery =	91.96%
Target Compounds			
1) T n-Nonane (C9)	3.359	6489238	42.135 ug/ml
2) T n-Decane (C10)	4.607	7220928	46.520 ug/mlm
3) T A~Naphthalene (C11.7)	6.307	8343457	49.267 ug/ml
4) T n-Dodecane (C12)	6.767	7930630	50.767 ug/ml
5) T A~2-methylnaphthalene...	7.401	8209663	48.988 ug/ml
6) T n-Tetradecane (C14)	8.594	7924303	50.671 ug/ml
7) T n-Hexadecane (C16)	10.200	8209313	51.961 ug/ml
8) T n-Octadecane (C18)	11.642	8378046	52.304 ug/ml
10) T n-Eicosane (C20)	12.951	8051537	49.970 ug/ml
11) T n-Heneicosane (C21)	13.562	7920146	49.031 ug/ml
13) T n-Docosane (C22)	14.148	7900373	48.937 ug/ml
14) T n-Tetracosane (C24)	15.244	15279777	95.262 ug/ml
15) T n-Hexacosane (C26)	16.273	7628621	48.028 ug/ml
16) T n-Octacosane (C28)	17.220	7585327	48.348 ug/ml
17) T n-Tricontane (C30)	18.109	7315819	45.851 ug/ml
18) T n-Dotriacontane (C32)	18.941	7376715	46.786 ug/ml
19) T n-Tetratriacontane (C34)	19.725	7429974	50.398 ug/ml
20) T n-Hexatriacontane (C36)	20.465	7369135	51.574 ug/ml
21) T n-Octatriacontane (C38)	21.208	7853970	58.150 ug/ml
22) T n-Tetracontane (C40)	22.137	8476505	67.151 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
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Signal(s) : FID1B.ch
Acq On : 18 Nov 2022 18:18
Operator : YP\AJ
Sample : PB149158BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

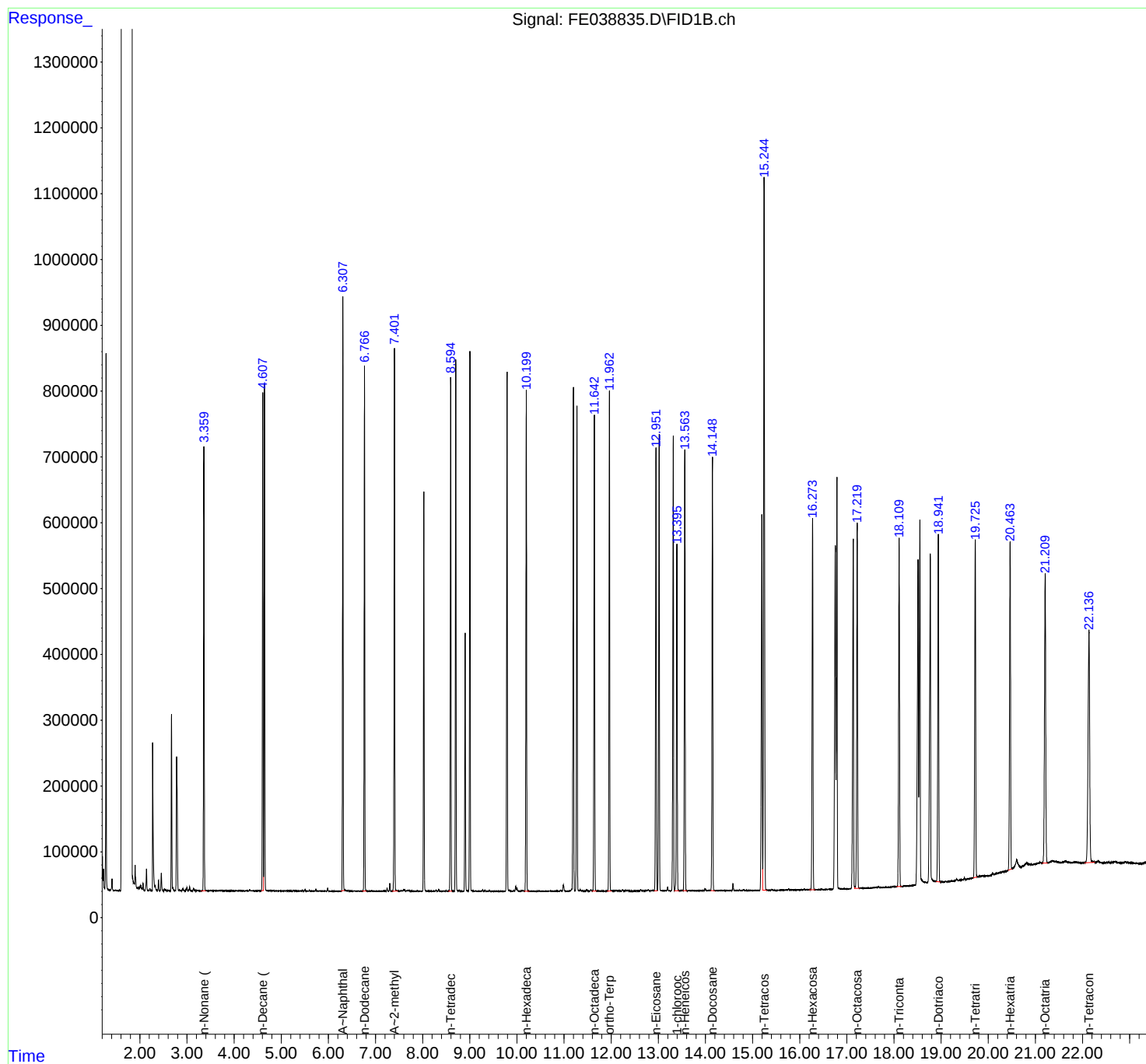
Instrument :
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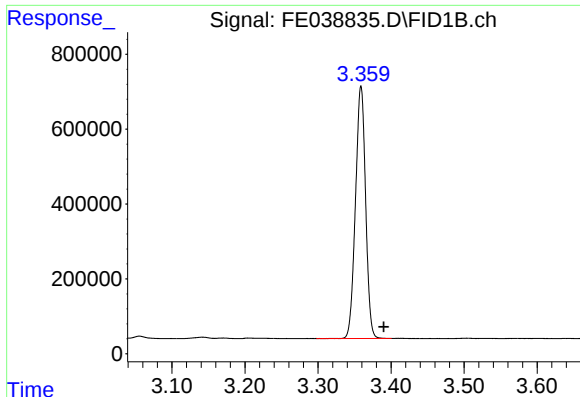
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#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.031 min
Response: 6489238
Conc: 42.13 ug/ml

Instrument :

FID_E

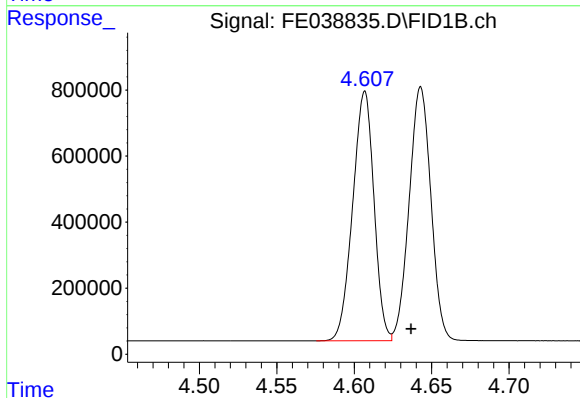
ClientSampleId :

PB149158BSD

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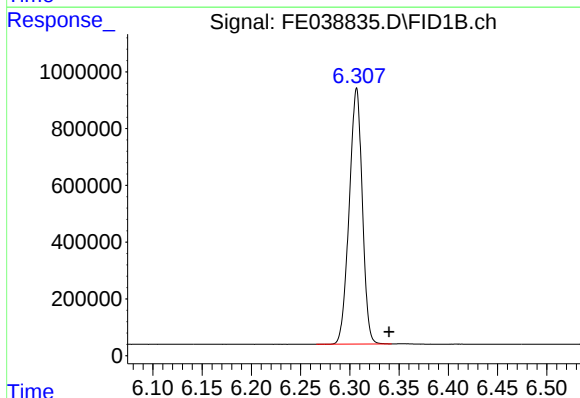
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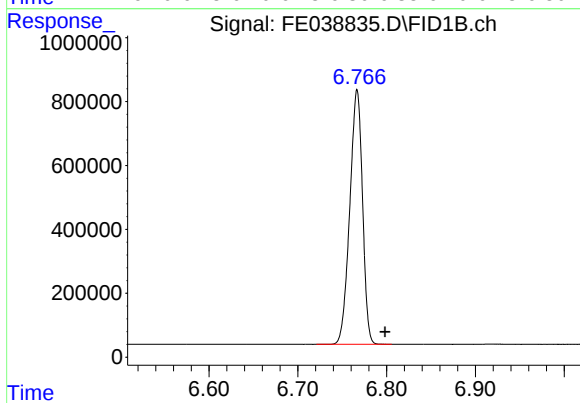
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.030 min
Response: 7220928
Conc: 46.52 ug/ml m



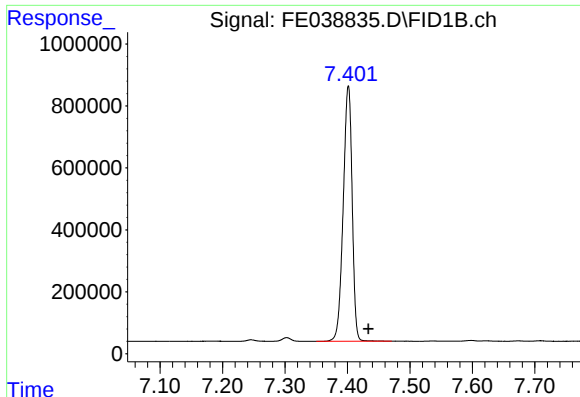
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 8343457
Conc: 49.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.032 min
Response: 7930630
Conc: 50.77 ug/ml



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

R.T.: 7.401 min
Delta R.T.: -0.032 min
Response: 8209663
Conc: 48.99 ug/ml

Instrument :

FID_E

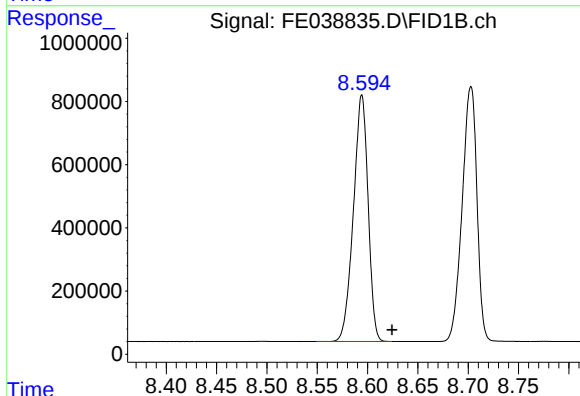
ClientSampleId :

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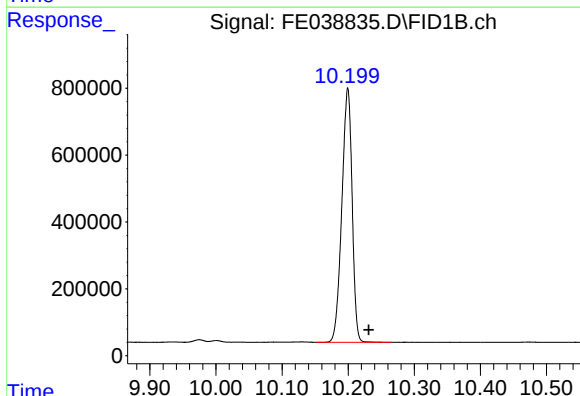
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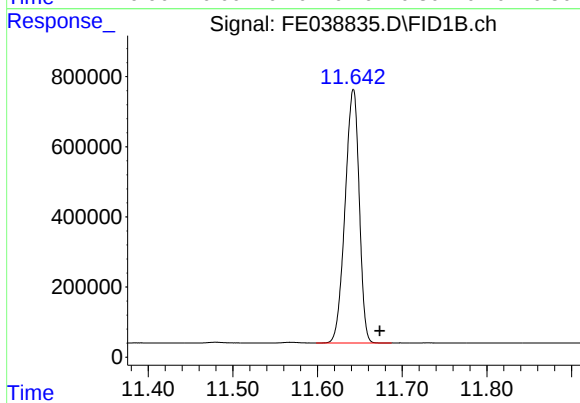
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.030 min
Response: 7924303
Conc: 50.67 ug/ml



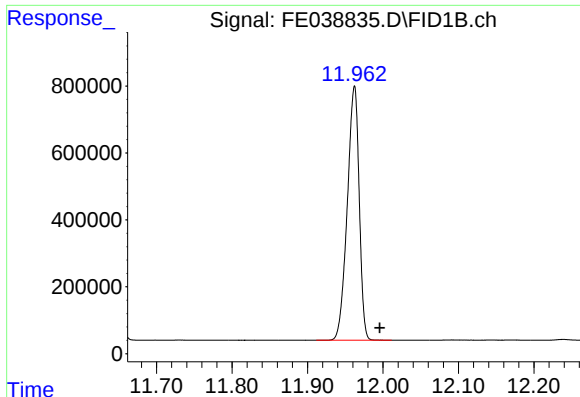
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.032 min
Response: 8209313
Conc: 51.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.031 min
Response: 8378046
Conc: 52.30 ug/ml



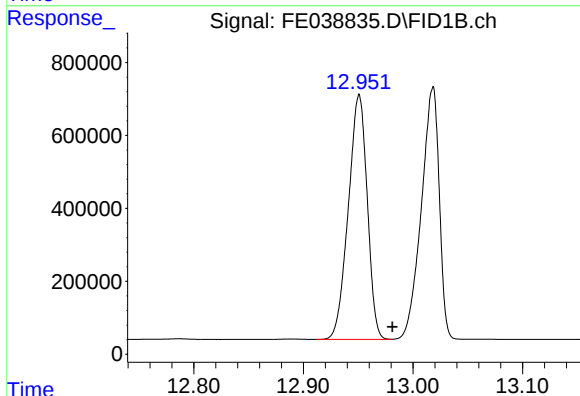
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.033 min
Response: 8327792
Conc: 48.40 ug/ml

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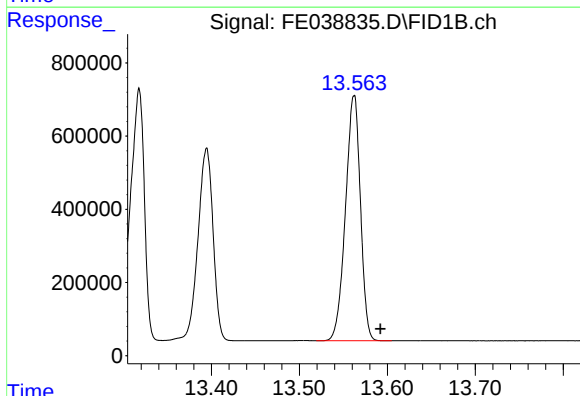
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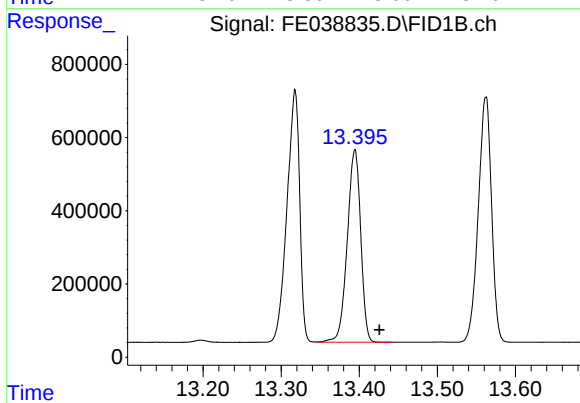
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 8051537
Conc: 49.97 ug/ml



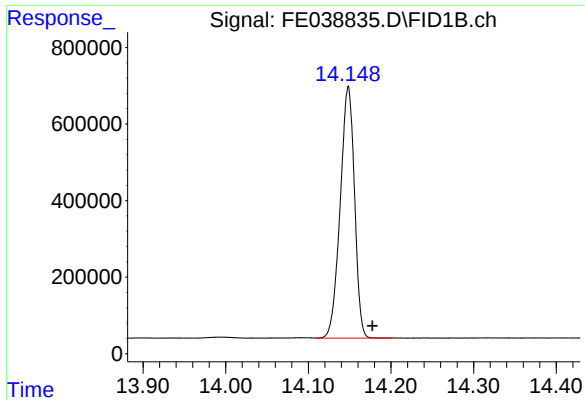
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 7920146
Conc: 49.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.031 min
Response: 6294429
Conc: 45.98 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.029 min
Response: 7900373
Conc: 48.94 ug/ml

Instrument :

FID_E

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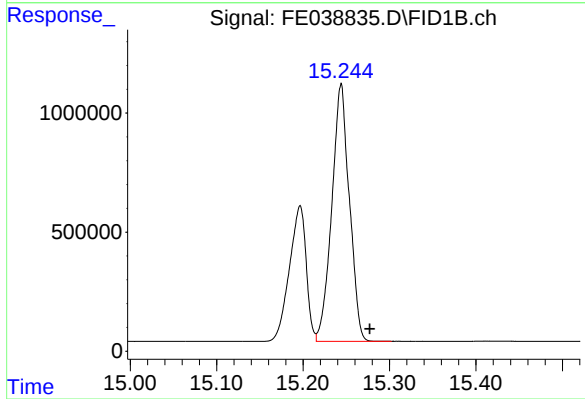
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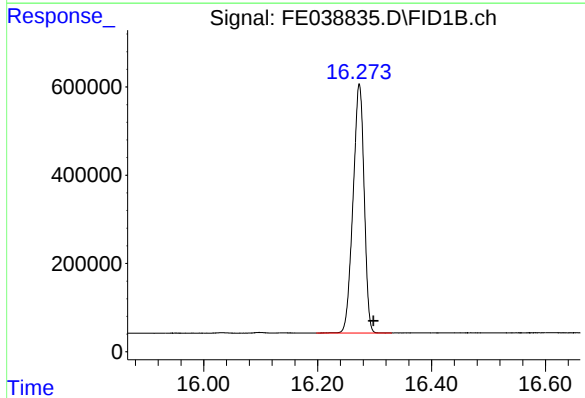
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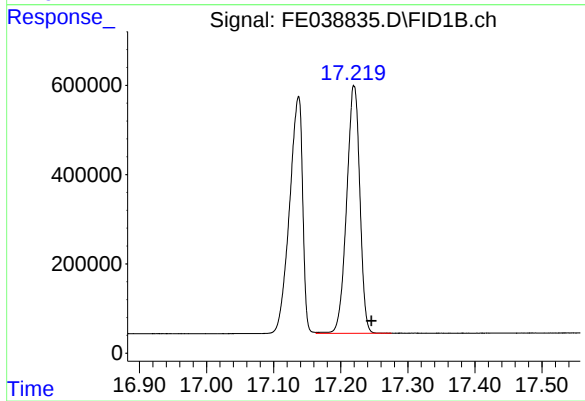
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.033 min
Response: 15279777
Conc: 95.26 ug/ml



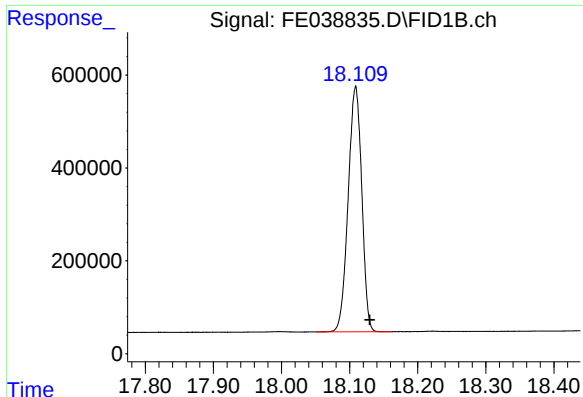
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 7628621
Conc: 48.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 7585327
Conc: 48.35 ug/ml



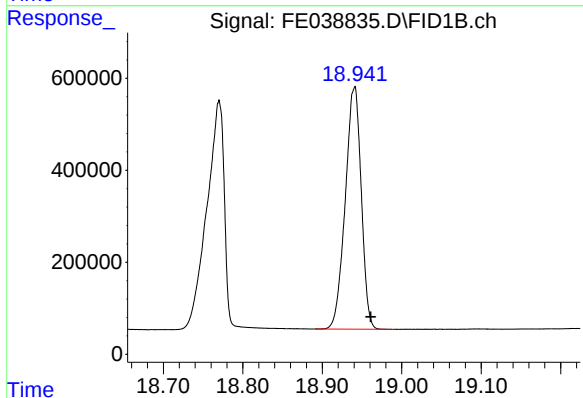
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 7315819
Conc: 45.85 ug/ml

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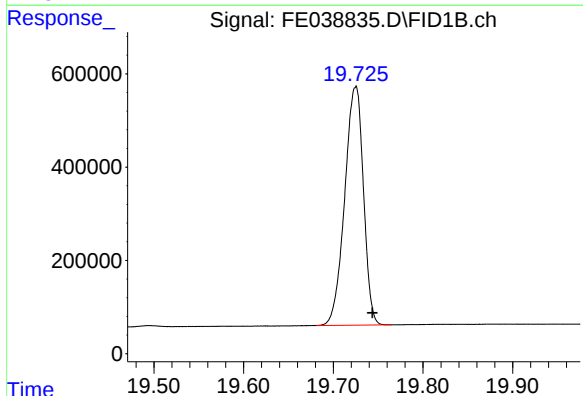
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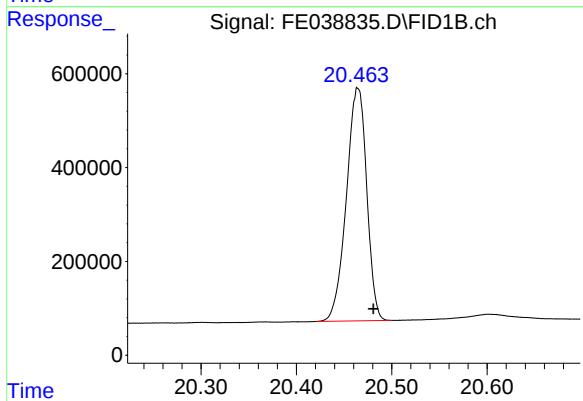
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 7376715
Conc: 46.79 ug/ml



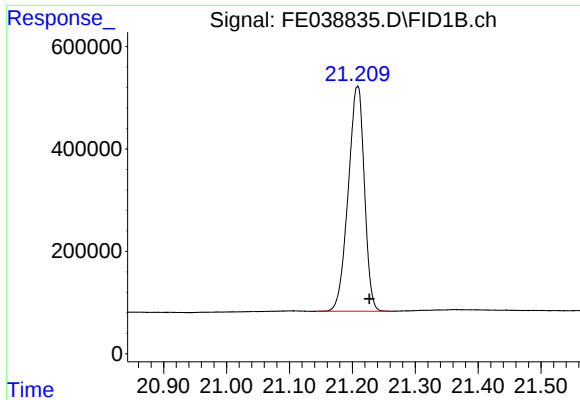
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 7429974
Conc: 50.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 7369135
Conc: 51.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 7853970
Conc: 58.15 ug/ml

Instrument :

FID_E

ClientSampleId :

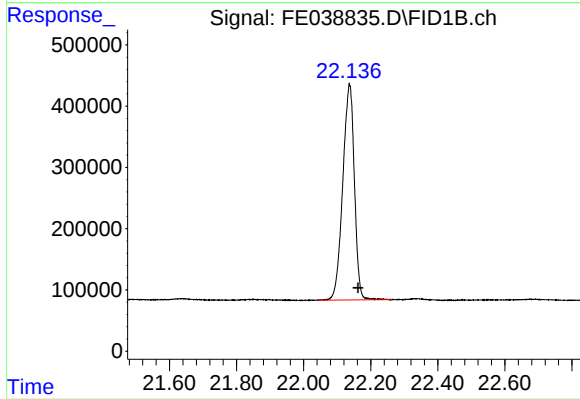
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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.025 min
Response: 8476505
Conc: 67.15 ug/ml