

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038811.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 16:10
 Operator : YP\AJ
 Sample : PB149125BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149125BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:39:40 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	6662542	38.720 ug/ml
Spiked Amount 50.000		Recovery =	77.44%
12) S 1-chlorooctadecane (S...	13.395	5094051	37.210 ug/ml
Spiked Amount 50.000		Recovery =	74.42%
Target Compounds			
1) T n-Nonane (C9)	3.361	4923608	31.969 ug/ml
2) T n-Decane (C10)	4.607	5096572	32.834 ug/mlm
3) T A~Naphthalene (C11.7)	6.307	5676317	33.518 ug/ml
4) T n-Dodecane (C12)	6.766	5299299	33.923 ug/ml
5) T A~2-methylnaphthalene...	7.401	5566743	33.217 ug/ml
6) T n-Tetradecane (C14)	8.594	5493703	35.129 ug/ml
7) T n-Hexadecane (C16)	10.198	6156005	38.965 ug/ml
8) T n-Octadecane (C18)	11.642	6602679	41.221 ug/ml
10) T n-Eicosane (C20)	12.951	6416231	39.821 ug/ml
11) T n-Heneicosane (C21)	13.563	6309422	39.059 ug/ml
13) T n-Docosane (C22)	14.148	6286307	38.939 ug/ml
14) T n-Tetracosane (C24)	15.242	12130570	75.628 ug/ml
15) T n-Hexacosane (C26)	16.273	6049951	38.089 ug/ml
16) T n-Octacosane (C28)	17.221	6047165	38.544 ug/ml
17) T n-Tricontane (C30)	18.109	5890448	36.917 ug/mlm
18) T n-Dotriacontane (C32)	18.942	6031932	38.257 ug/ml
19) T n-Tetratriacontane (C34)	19.723	6068571	41.164 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	5921384	41.442 ug/ml
21) T n-Octatriacontane (C38)	21.208	6042556	44.738 ug/mlm
22) T n-Tetracontane (C40)	22.133	6093737	48.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149125BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

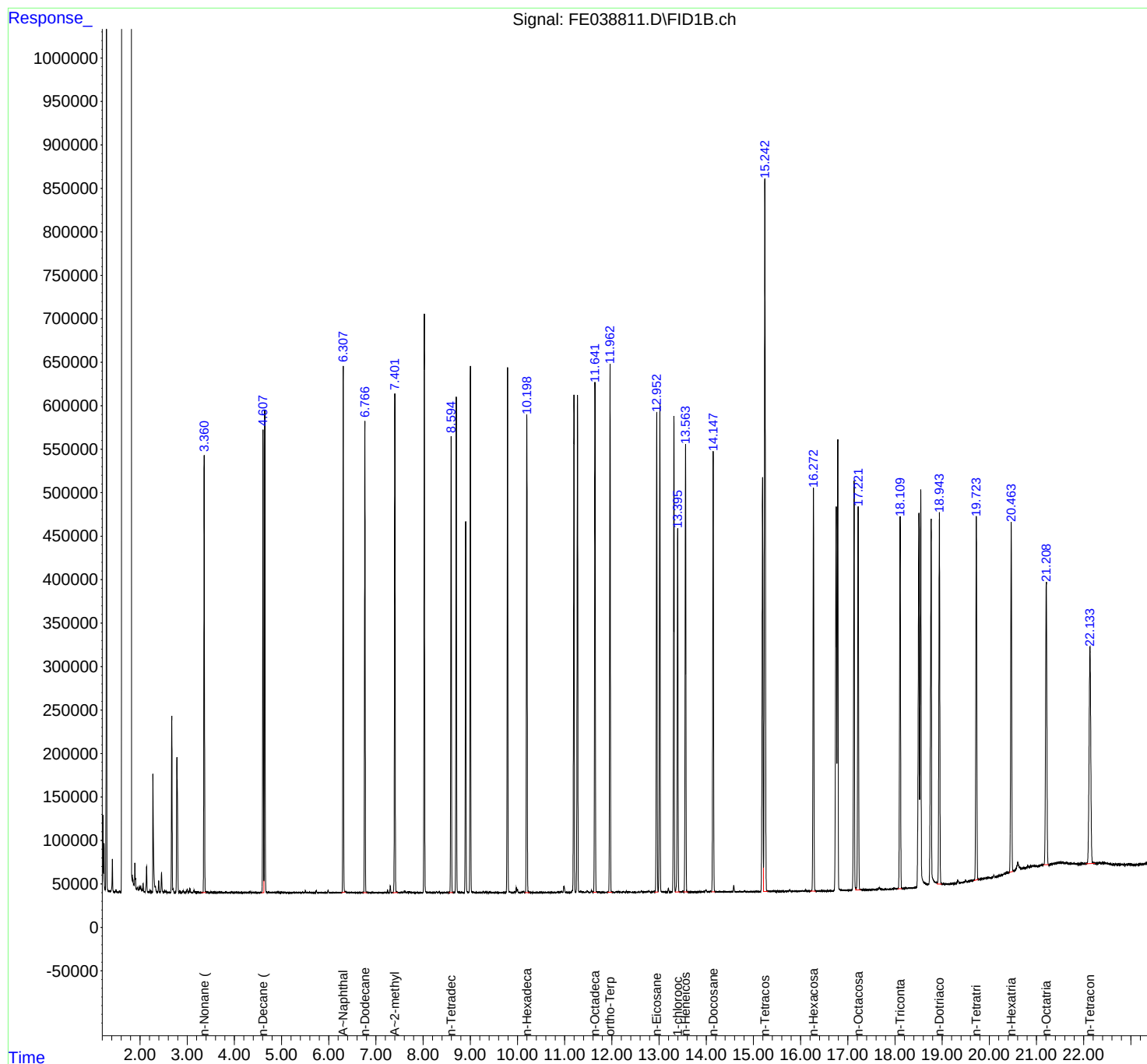
Instrument :
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PB149125BSD

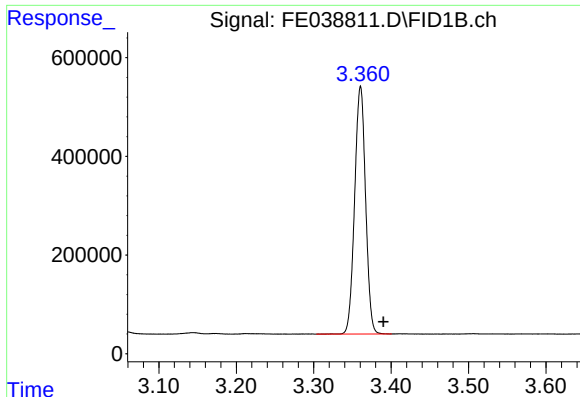
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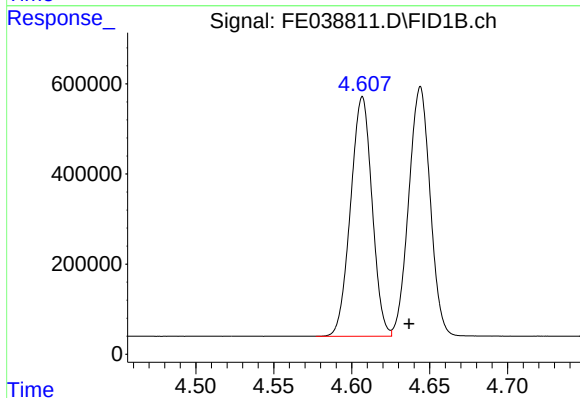
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 4923608
Conc: 31.97 ug/ml

Instrument :
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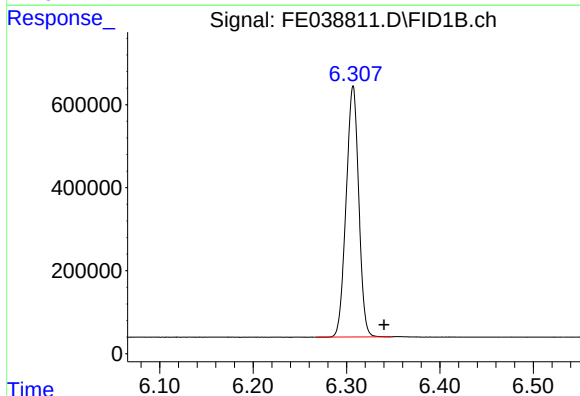
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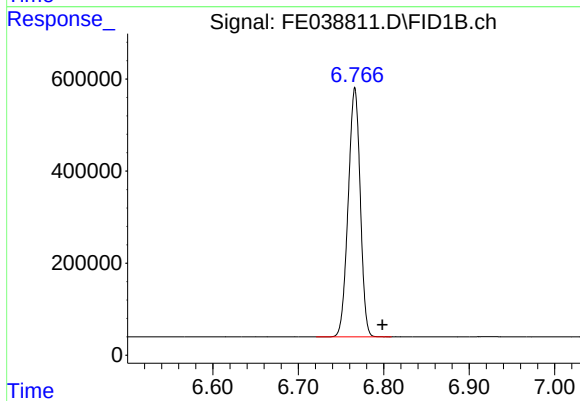
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.030 min
Response: 5096572
Conc: 32.83 ug/ml m



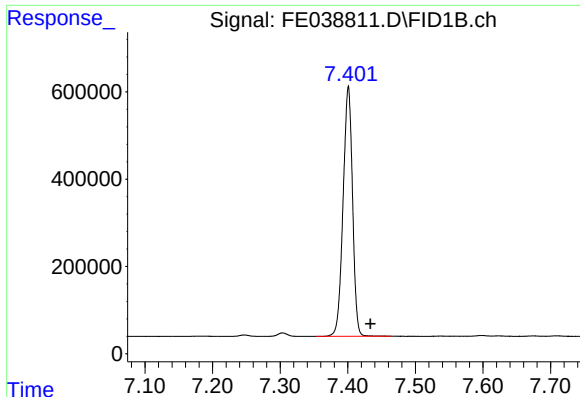
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.033 min
Response: 5676317
Conc: 33.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.032 min
Response: 5299299
Conc: 33.92 ug/ml



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

R.T.: 7.401 min
Delta R.T.: -0.033 min
Response: 5566743
Conc: 33.22 ug/ml

Instrument :

FID_E

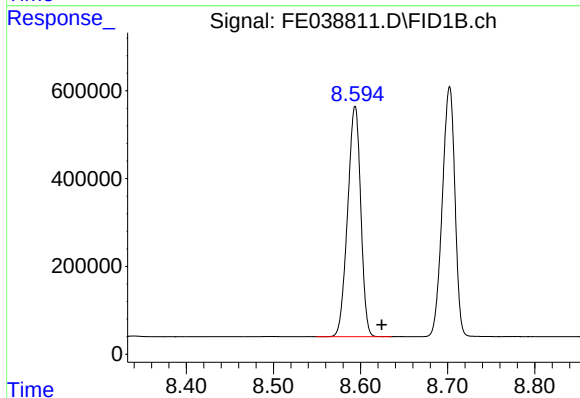
ClientSampleId :

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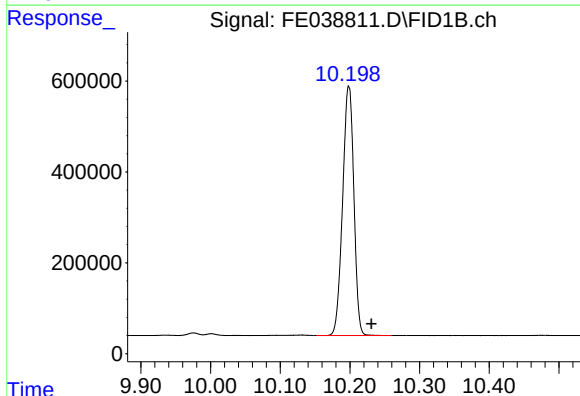
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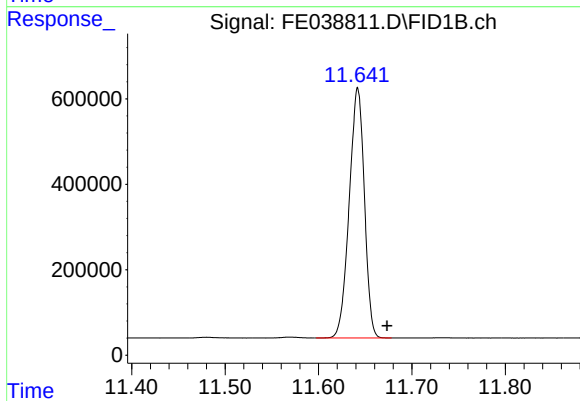
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.031 min
Response: 5493703
Conc: 35.13 ug/ml



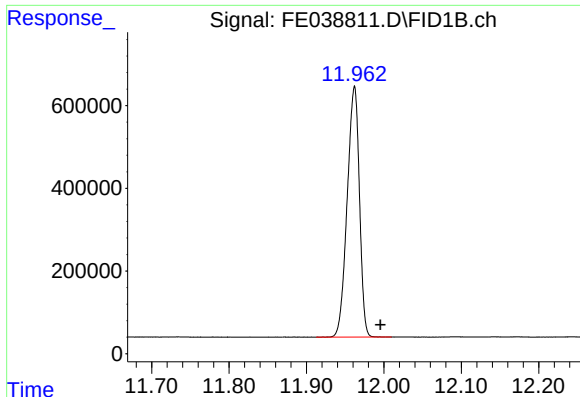
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.033 min
Response: 6156005
Conc: 38.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.031 min
Response: 6602679
Conc: 41.22 ug/ml



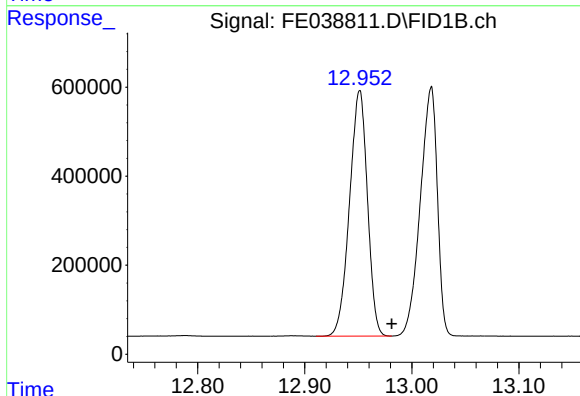
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.033 min
Response: 6662542
Conc: 38.72 ug/ml

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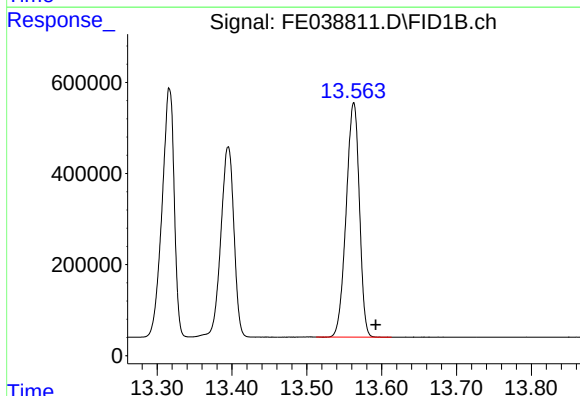
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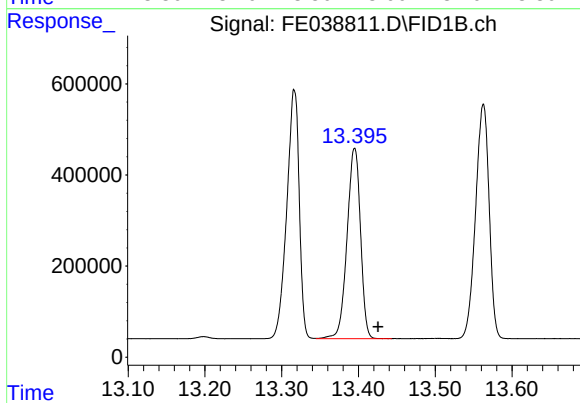
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 6416231
Conc: 39.82 ug/ml



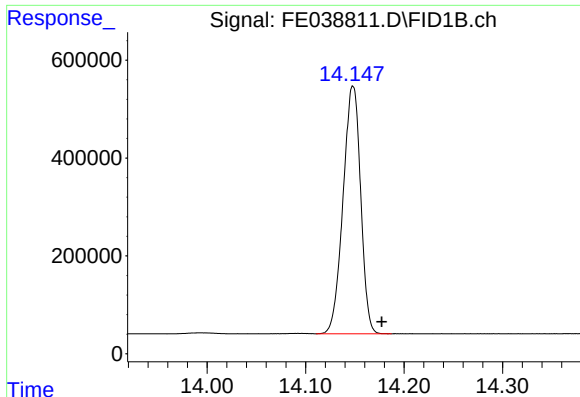
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 6309422
Conc: 39.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 5094051
Conc: 37.21 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.029 min
Response: 6286307
Conc: 38.94 ug/ml

Instrument :

FID_E

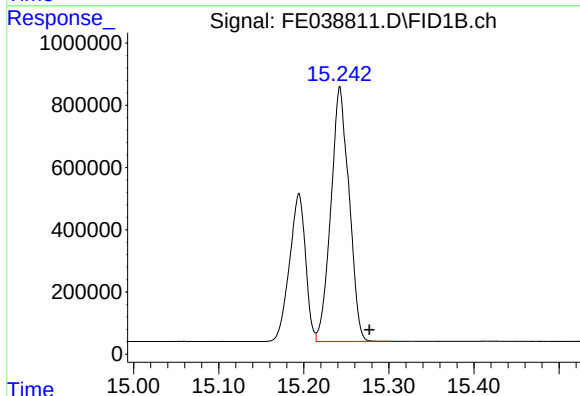
ClientSampleId :

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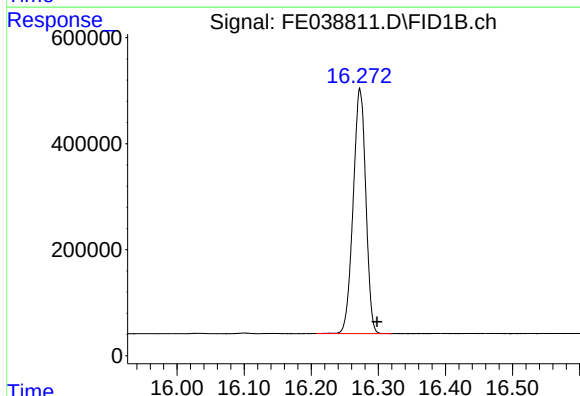
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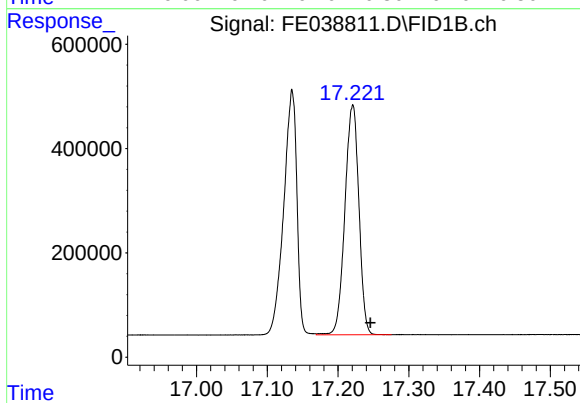
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.035 min
Response: 12130570
Conc: 75.63 ug/ml



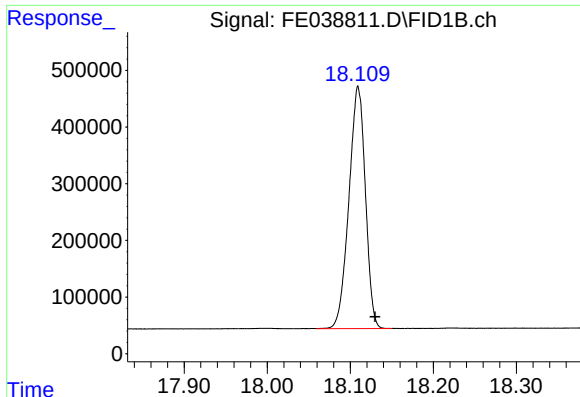
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.026 min
Response: 6049951
Conc: 38.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 6047165
Conc: 38.54 ug/ml



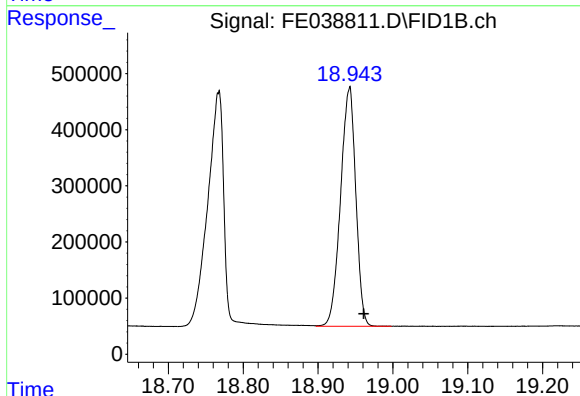
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 5890448
Conc: 36.92 ug/ml

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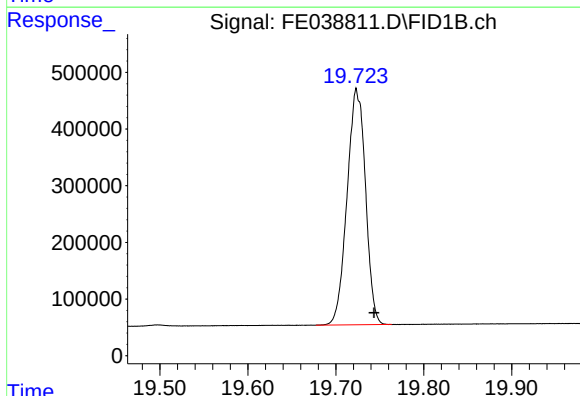
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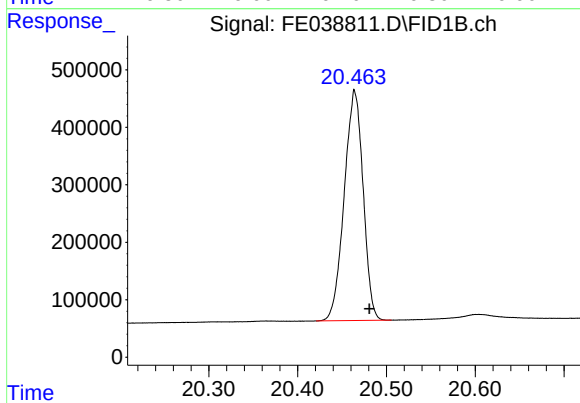
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 6031932
Conc: 38.26 ug/ml



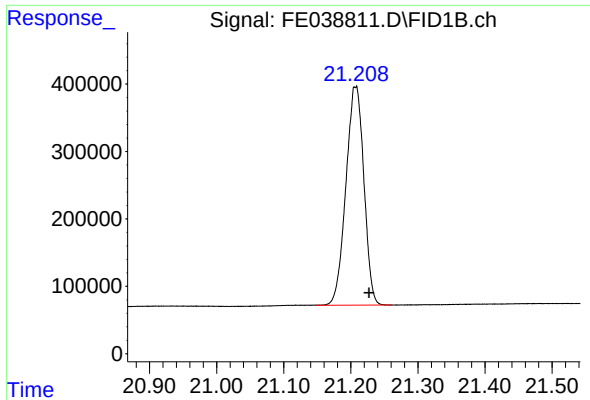
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.021 min
Response: 6068571
Conc: 41.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.016 min
Response: 5921384
Conc: 41.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6042556
Conc: 44.74 ug/ml

Instrument :

FID_E

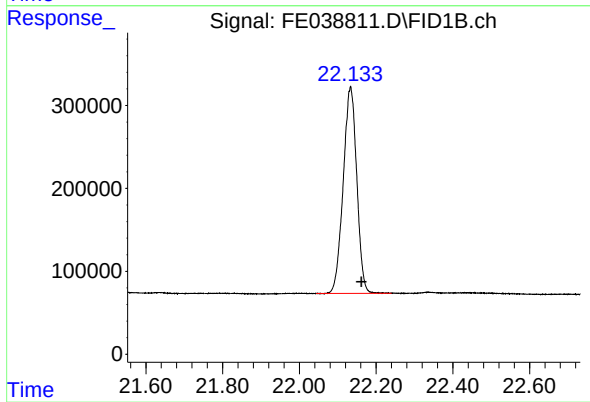
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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 6093737
Conc: 48.27 ug/ml