

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101822AL\
 Data File : FE038211.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2022 15:35
 Operator : YP\AJ
 Sample : PB148408BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148408BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: sample.E
 Quant Time: Oct 19 06:04:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.603	6243471	36.097 ug/ml
Spiked Amount 50.000		Recovery =	72.19%
12) S 1-chlorooctadecane (S...	13.024	5537446	40.969 ug/ml
Spiked Amount 50.000		Recovery =	81.94%
Target Compounds			
1) T n-Nonane (C9)	3.003	5338825	36.249 ug/ml
2) T n-Decane (C10)	4.256	5315744	35.954 ug/ml
3) T A~Naphthalene (C11.7)	5.970	5491784	40.103 ug/ml
4) T n-Dodecane (C12)	6.424	5744150	37.696 ug/ml
5) T A~2-methylnaphthalene...	7.064	5413313	40.730 ug/ml
6) T n-Tetradecane (C14)	8.245	5941635	38.821 ug/ml
7) T n-Hexadecane (C16)	9.843	6167886	39.487 ug/ml
8) T n-Octadecane (C18)	11.279	6401079	39.907 ug/ml
10) T n-Eicosane (C20)	12.581	6166166	37.813 ug/ml
11) T n-Heneicosane (C21)	13.189	6069019	36.834 ug/ml
13) T n-Docosane (C22)	13.772	5951233	36.153 ug/ml
14) T n-Tetracosane (C24)	14.871	11553548	70.446 ug/ml
15) T n-Hexacosane (C26)	15.887	5564594	34.125 ug/ml
16) T n-Octacosane (C28)	16.831	6847708	42.745 ug/ml
17) T n-Tricontane (C30)	17.717	5341922	33.381 ug/ml
18) T n-Dotriacontane (C32)	18.545	5630505	35.756 ug/ml
19) T n-Tetratriacontane (C34)	19.325	5334499	36.006 ug/ml
20) T n-Hexatriacontane (C36)	20.061	5202143	36.084 ug/ml
21) T n-Octatriacontane (C38)	20.759	5303932	39.086 ug/ml
22) T n-Tetracontane (C40)	21.529	5547640	43.581 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

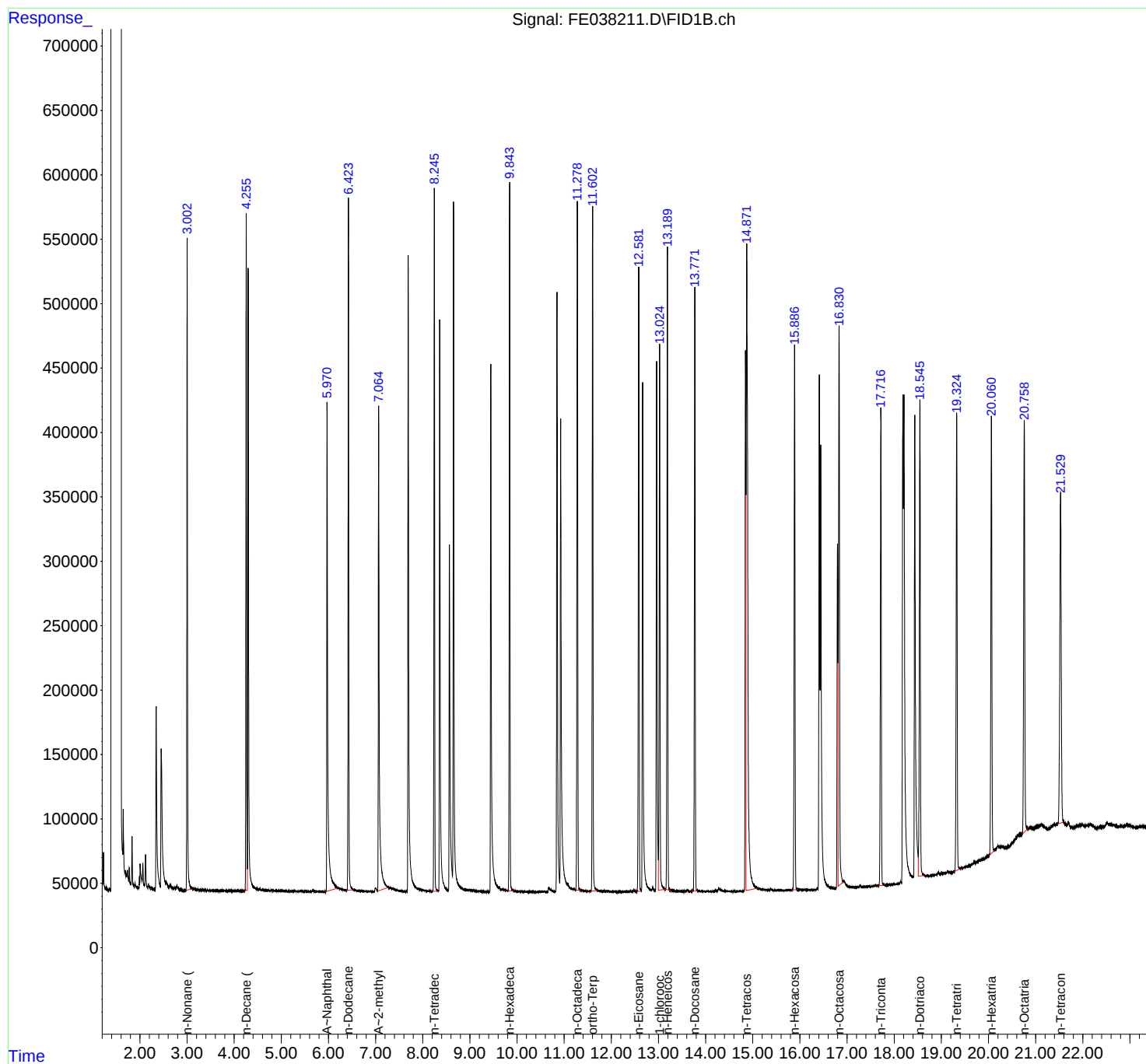
Instrument :
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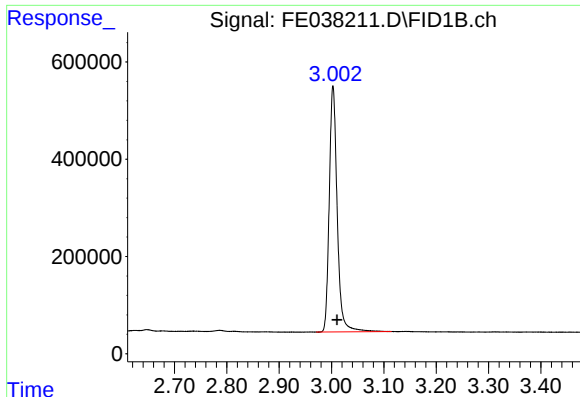
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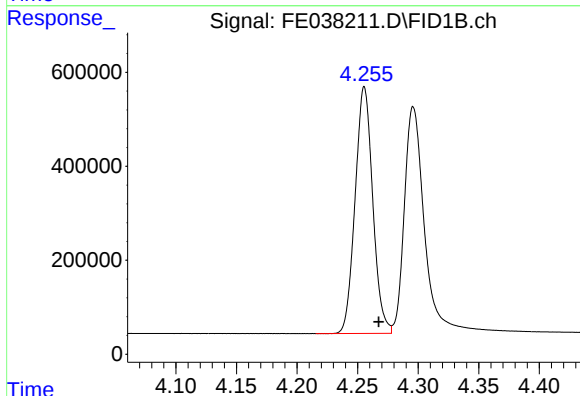
#1 n-Nonane (C9)

R.T.: 3.003 min
Delta R.T.: -0.008 min
Response: 5338825
Conc: 36.25 ug/ml

Instrument :
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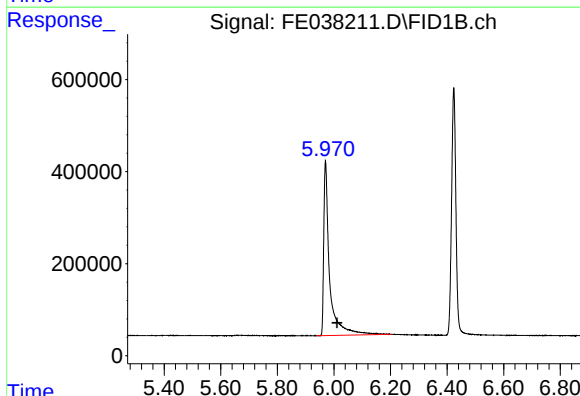
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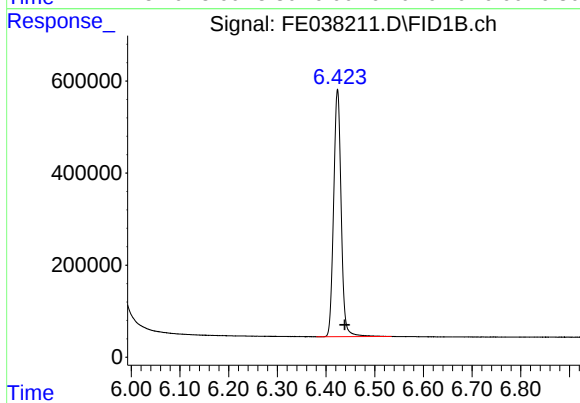
#2 n-Decane (C10)

R.T.: 4.256 min
Delta R.T.: -0.012 min
Response: 5315744
Conc: 35.95 ug/ml



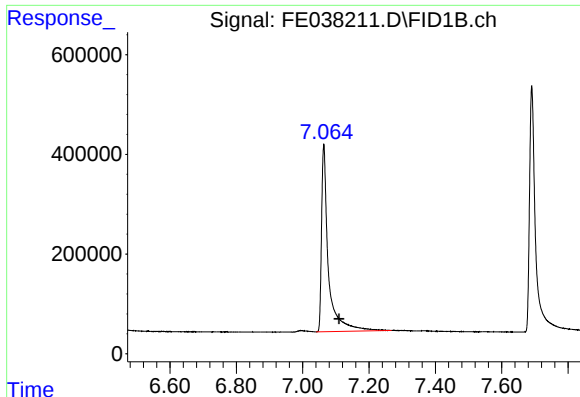
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.041 min
Response: 5491784
Conc: 40.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 5744150
Conc: 37.70 ug/ml



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

R.T.: 7.064 min
Delta R.T.: -0.046 min
Response: 5413313
Conc: 40.73 ug/ml

Instrument :

FID_E

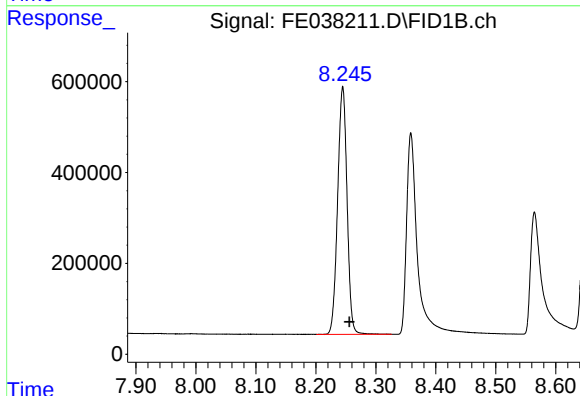
ClientSampleId :

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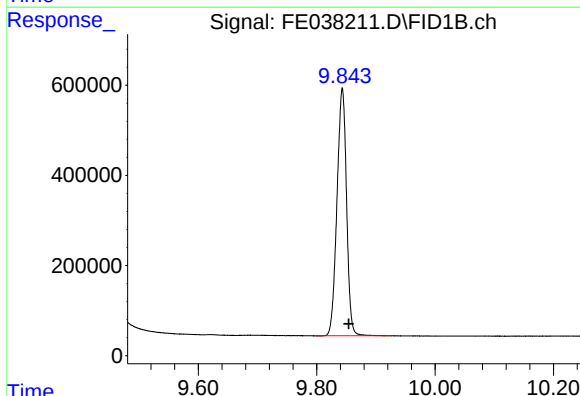
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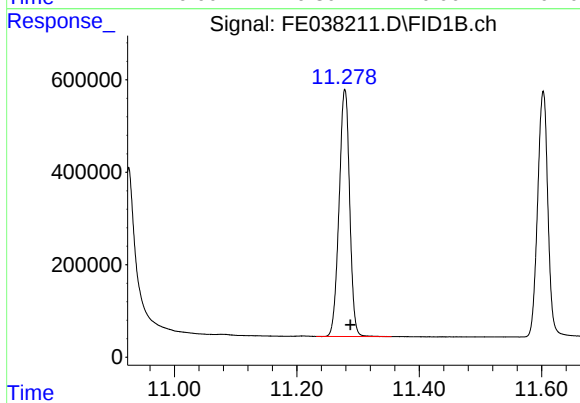
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 5941635
Conc: 38.82 ug/ml



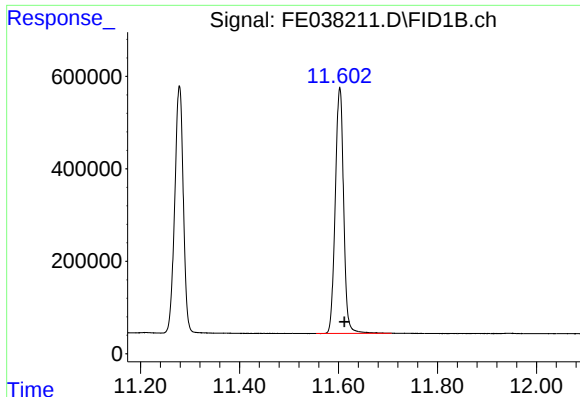
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 6167886
Conc: 39.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: -0.009 min
Response: 6401079
Conc: 39.91 ug/ml



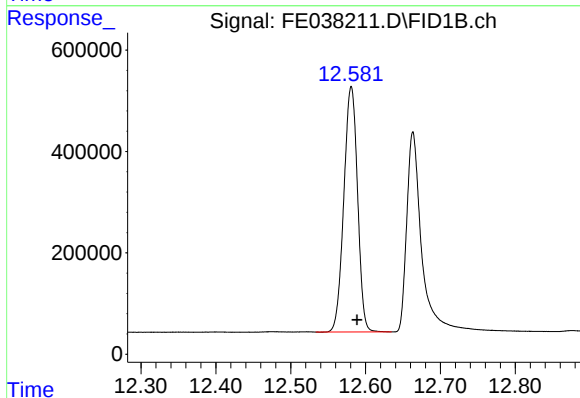
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.009 min
Response: 6243471
Conc: 36.10 ug/ml

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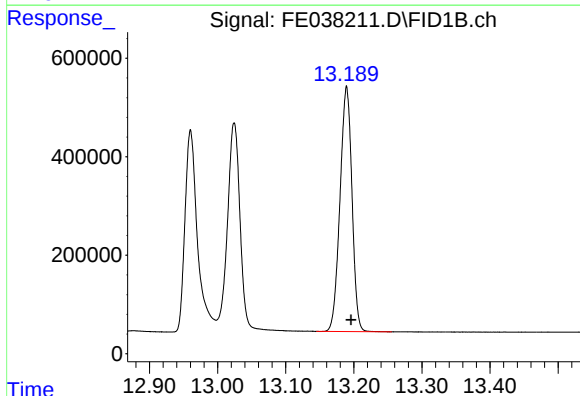
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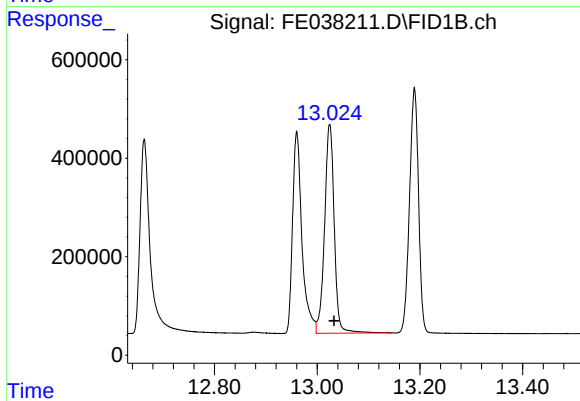
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.008 min
Response: 6166166
Conc: 37.81 ug/ml



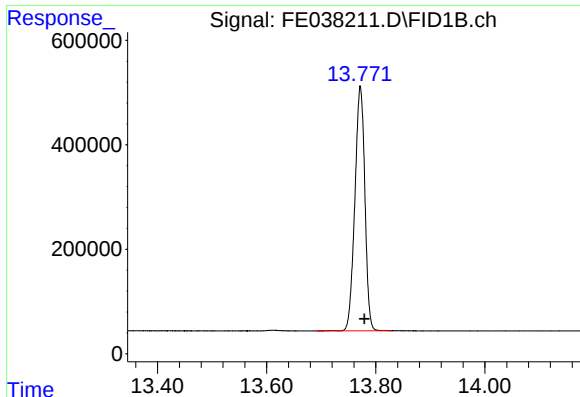
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.007 min
Response: 6069019
Conc: 36.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: -0.009 min
Response: 5537446
Conc: 40.97 ug/ml



#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.008 min
Response: 5951233
Conc: 36.15 ug/ml

Instrument :

FID_E

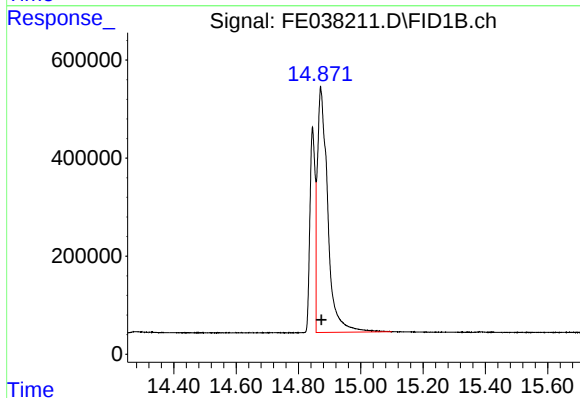
ClientSampleId :

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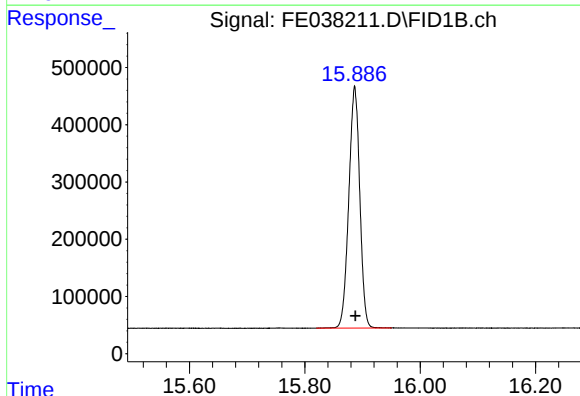
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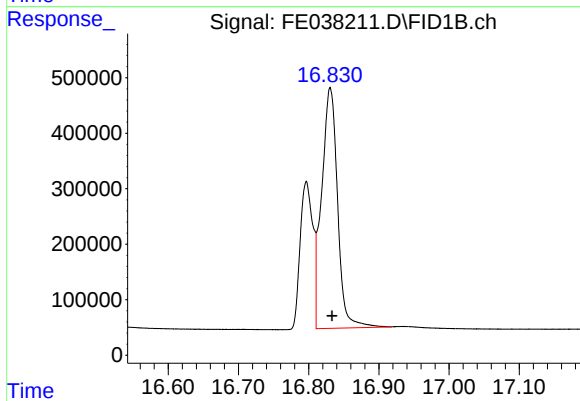
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.002 min
Response: 11553548
Conc: 70.45 ug/ml



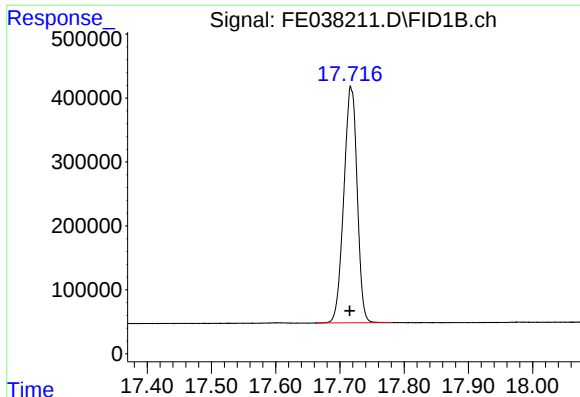
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.001 min
Response: 5564594
Conc: 34.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: -0.003 min
Response: 6847708
Conc: 42.74 ug/ml



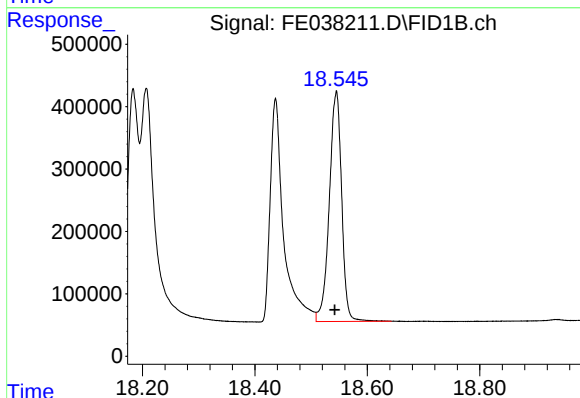
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.002 min
Response: 5341922
Conc: 33.38 ug/ml

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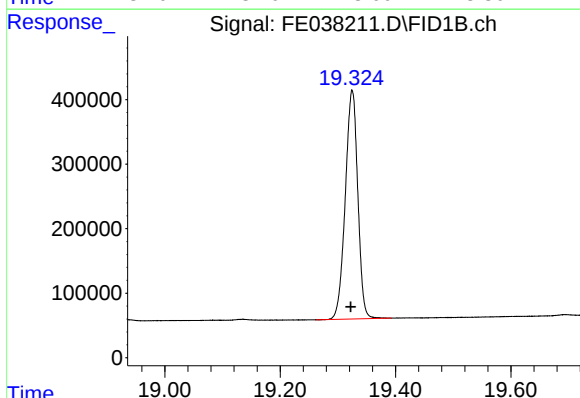
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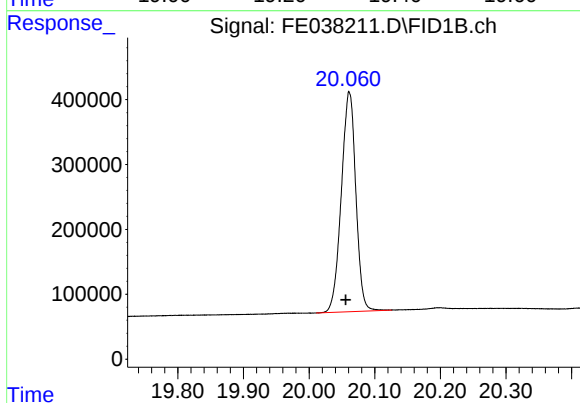
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.003 min
Response: 5630505
Conc: 35.76 ug/ml



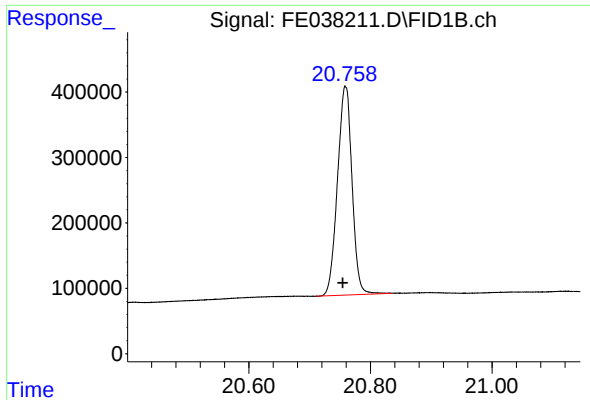
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: 0.003 min
Response: 5334499
Conc: 36.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.061 min
Delta R.T.: 0.005 min
Response: 5202143
Conc: 36.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.759 min
Delta R.T.: 0.004 min
Response: 5303932
Conc: 39.09 ug/ml

Instrument :

FID_E

ClientSampleId :

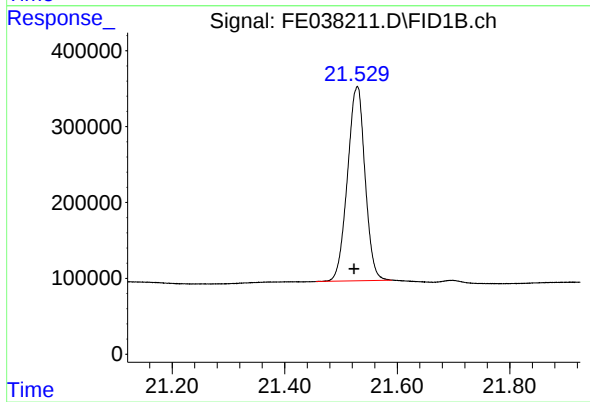
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#22 n-Tetracontane (C40)

R.T.: 21.529 min
Delta R.T.: 0.006 min
Response: 5547640
Conc: 43.58 ug/ml m