

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039089.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 16:12
 Operator : YP\AJ
 Sample : PB149395BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149395BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 03 03:38:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.949	6856740	43.830 ug/ml
Spiked Amount 50.000		Recovery =	87.66%
12) S 1-chlorooctadecane (S...	13.383	5156487	42.707 ug/ml
Spiked Amount 50.000		Recovery =	85.41%
Target Compounds			
1) T n-Nonane (C9)	3.347	5925103	41.800 ug/ml
2) T n-Decane (C10)	4.595	6586344	47.255 ug/ml
3) T A~Naphthalene (C11.7)	6.295	5391652	33.898 ug/ml
4) T n-Dodecane (C12)	6.757	7589431	53.841 ug/ml
5) T A~2-methylnaphthalene...	7.389	5503510	36.772 ug/ml
6) T n-Tetradecane (C14)	8.584	7832391	54.840 ug/ml
7) T n-Hexadecane (C16)	10.189	8370523	57.250 ug/ml
8) T n-Octadecane (C18)	11.632	8775455	59.636 ug/ml
10) T n-Eicosane (C20)	12.940	8595812	60.550 ug/ml
11) T n-Heneicosane (C21)	13.552	8533959	60.056 ug/ml
13) T n-Docosane (C22)	14.138	8583722	61.405 ug/ml
14) T n-Tetracosane (C24)	15.238	6718430	48.647 ug/mlm
15) T n-Hexacosane (C26)	16.263	8438191	62.824 ug/ml
16) T n-Octacosane (C28)	17.212	8348988	62.870 ug/ml
17) T n-Tricontane (C30)	18.099	8139817	61.637 ug/ml
18) T n-Dotriacontane (C32)	18.930	8158611	61.174 ug/ml
19) T n-Tetratriacontane (C34)	19.714	7879270	59.546 ug/mlm
20) T n-Hexatriacontane (C36)	20.452	7065797	54.999 ug/mlm
21) T n-Octatriacontane (C38)	21.194	6335111	48.346 ug/ml
22) T n-Tetracontane (C40)	22.113	5668720	41.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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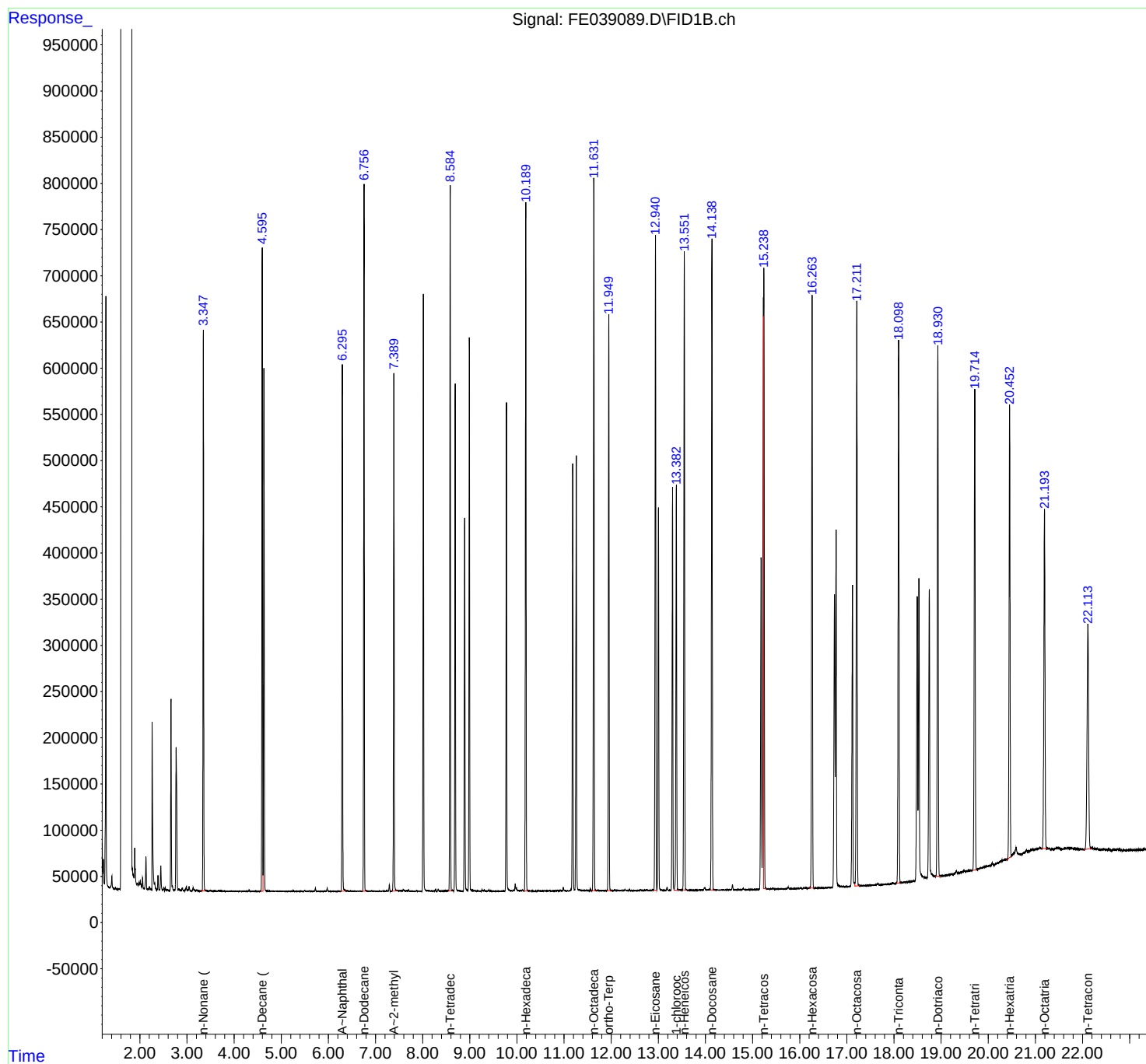
Instrument :
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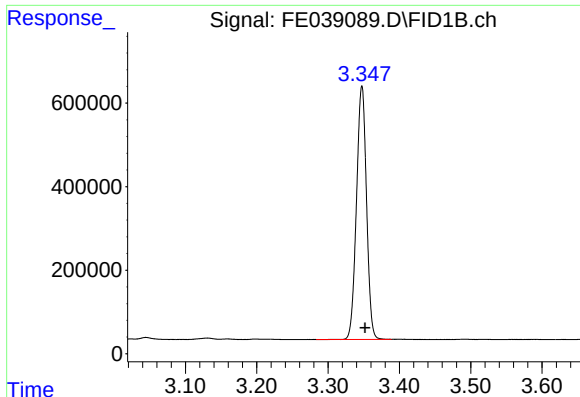
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#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.005 min
Response: 5925103
Conc: 41.80 ug/ml

Instrument :

FID_E

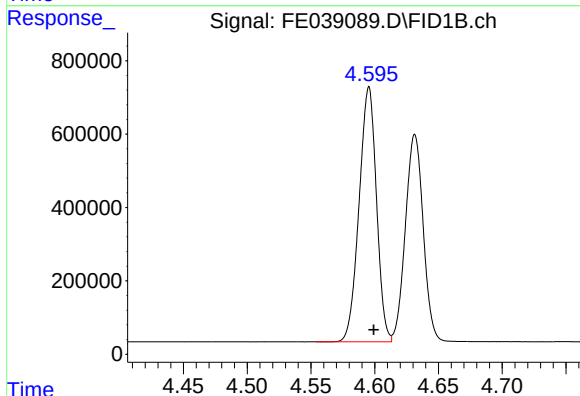
ClientSampleId :

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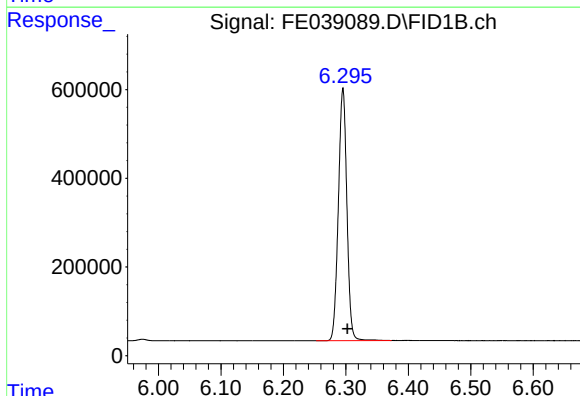
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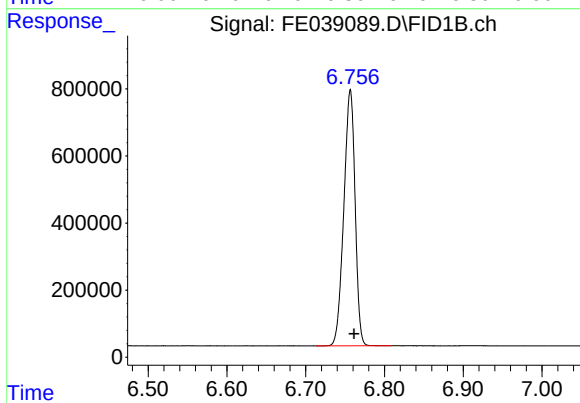
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 6586344
Conc: 47.26 ug/ml



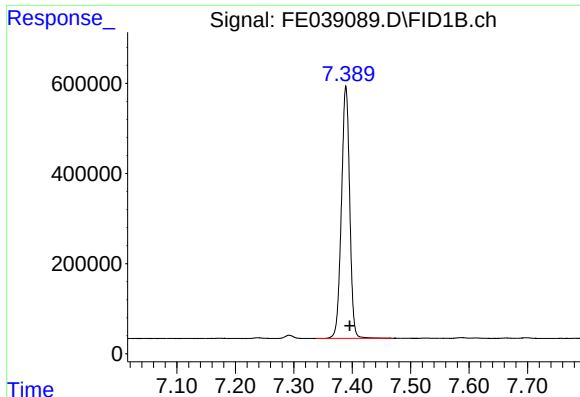
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 5391652
Conc: 33.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 7589431
Conc: 53.84 ug/ml



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

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 5503510
Conc: 36.77 ug/ml

Instrument :

FID_E

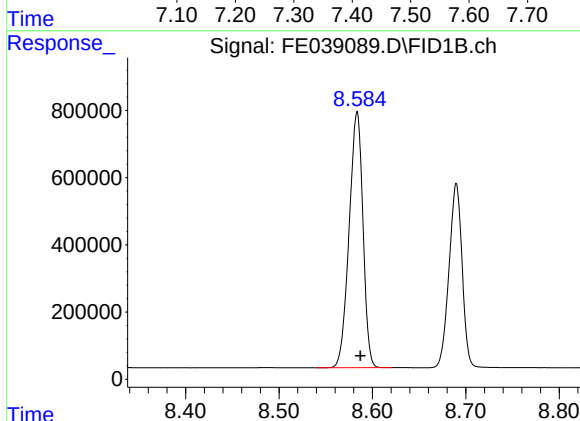
ClientSampleId :

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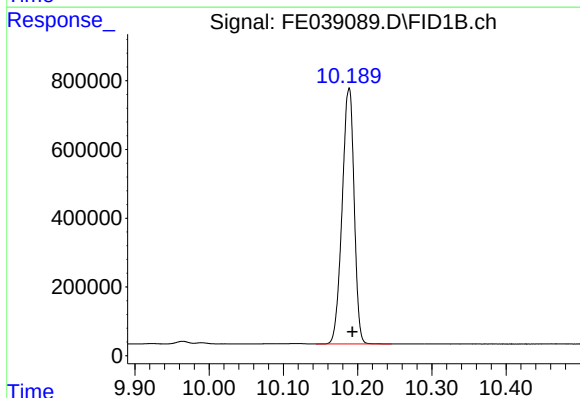
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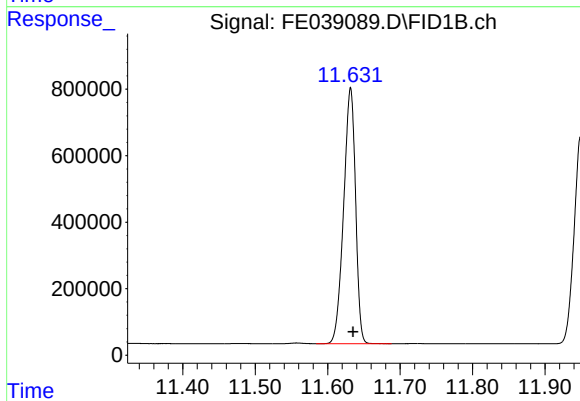
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 7832391
Conc: 54.84 ug/ml



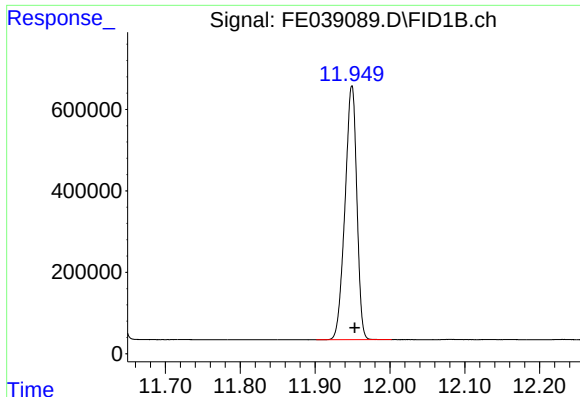
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.004 min
Response: 8370523
Conc: 57.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.003 min
Response: 8775455
Conc: 59.64 ug/ml



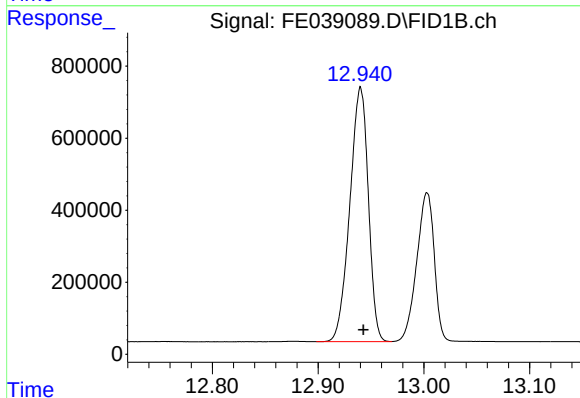
#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.004 min
Response: 6856740
Conc: 43.83 ug/ml

Instrument :
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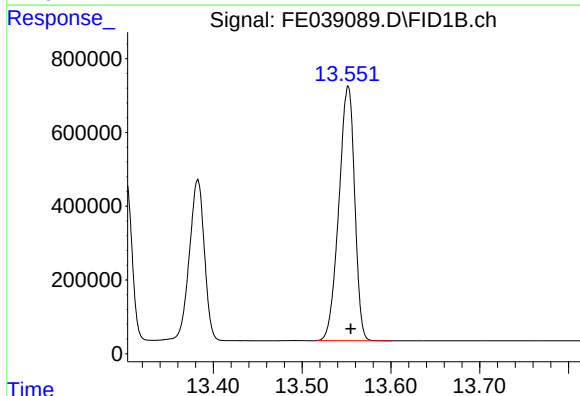
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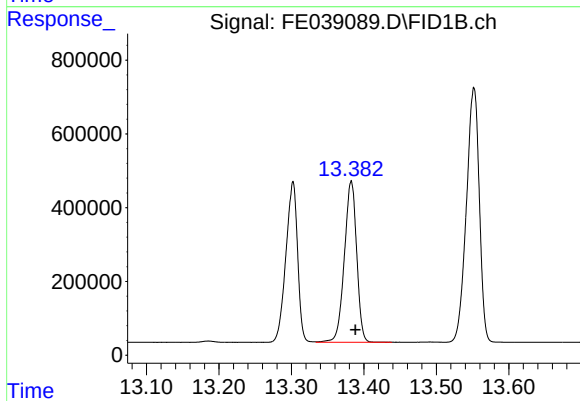
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 8595812
Conc: 60.55 ug/ml



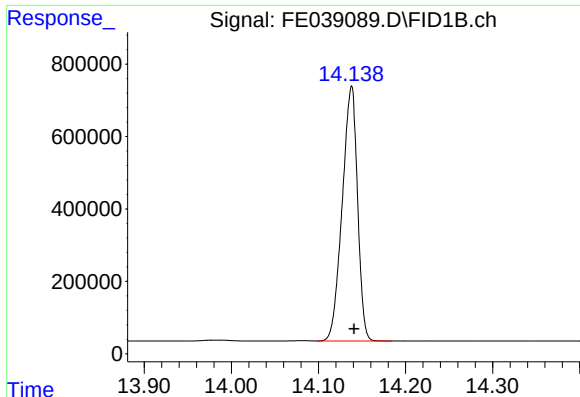
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.003 min
Response: 8533959
Conc: 60.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.005 min
Response: 5156487
Conc: 42.71 ug/ml



#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.003 min
Response: 8583722
Conc: 61.41 ug/ml

Instrument :

FID_E

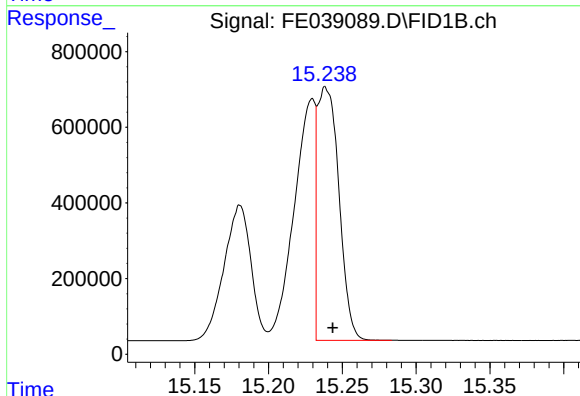
ClientSampleId :

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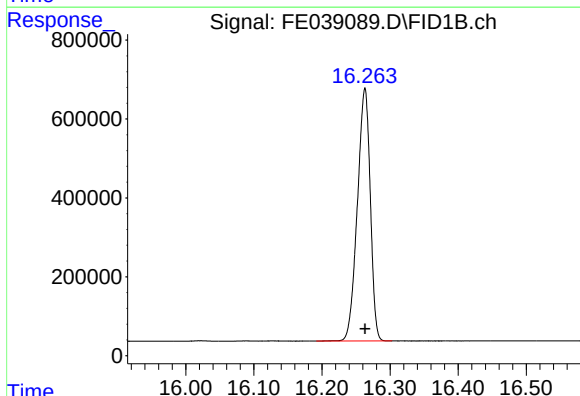
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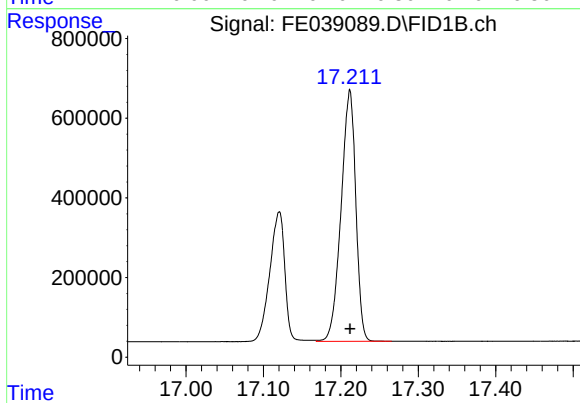
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.005 min
Response: 6718430
Conc: 48.65 ug/ml m



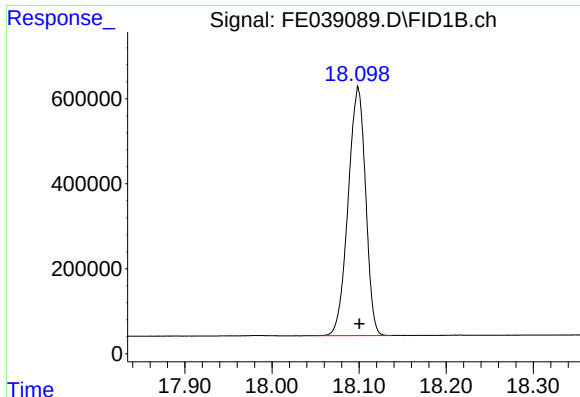
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 8438191
Conc: 62.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 8348988
Conc: 62.87 ug/ml



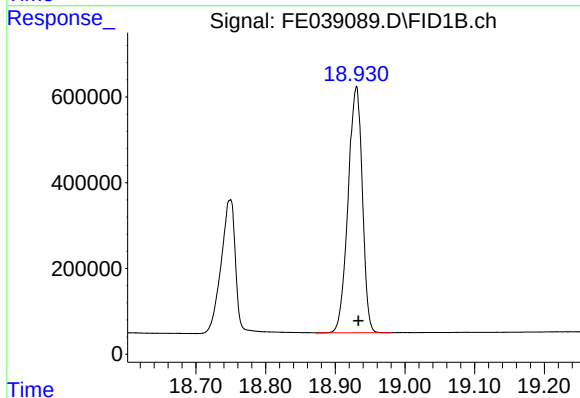
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.001 min
Response: 8139817
Conc: 61.64 ug/ml

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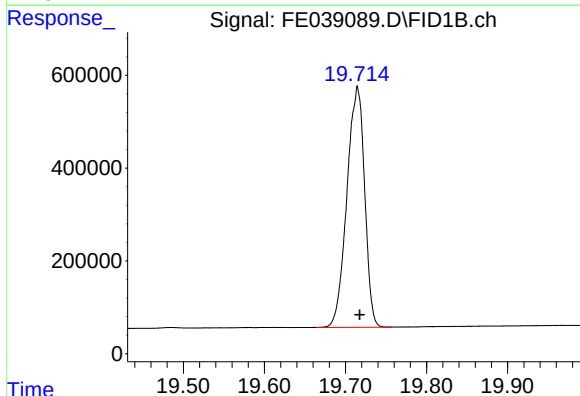
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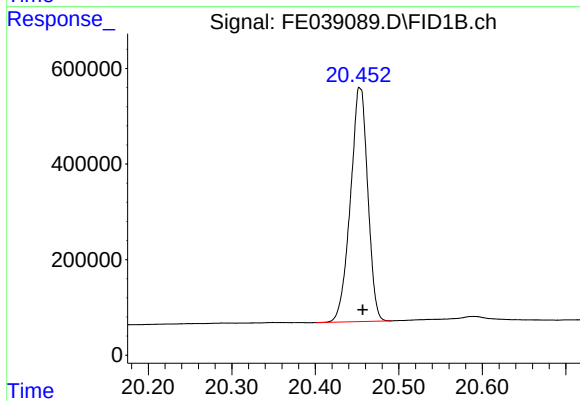
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.003 min
Response: 8158611
Conc: 61.17 ug/ml



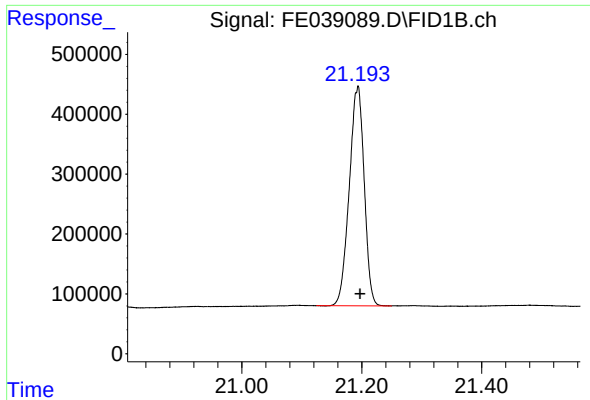
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 7879270
Conc: 59.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.005 min
Response: 7065797
Conc: 55.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.003 min
Response: 6335111
Conc: 48.35 ug/ml

Instrument :

FID_E

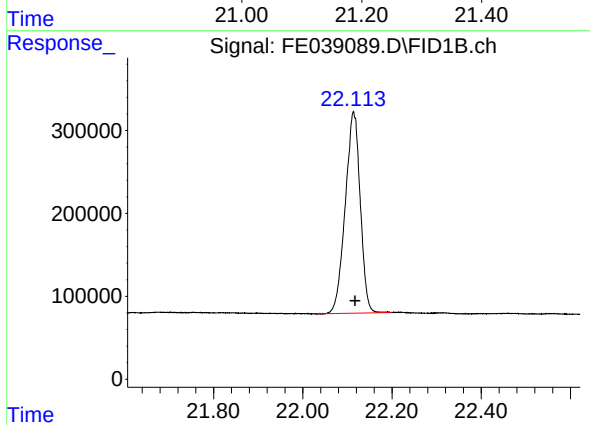
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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.004 min
Response: 5668720
Conc: 41.63 ug/ml