

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036599.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 15:22
 Operator : YP\AJ
 Sample : PB146325BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB146325BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e

Quant Time: Jul 21 01:13:09 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M

Quant Title : GC Extractables

QLast Update : Mon Jul 18 02:35:21 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)	11.856	7525721	40.407 ug/ml
Spiked Amount 50.000		Recovery =	80.81%
12) S 1-chlorooctadecane (S...	13.295	5953446	39.130 ug/ml
Spiked Amount 50.000		Recovery =	78.26%
Target Compounds			
1) T n-Nonane (C9)	3.252	5863871	38.038 ug/ml
2) T n-Decane (C10)	4.502	6231279	40.424 ug/ml
3) T A~Naphthalene (C11.7)	6.199	7571564	44.308 ug/ml
4) T n-Dodecane (C12)	6.665	6740228	42.916 ug/ml
5) T A~2-methylnaphthalene...	7.295	7493638	43.601 ug/ml
6) T n-Tetradecane (C14)	8.495	6919738	42.385 ug/ml
7) T n-Hexadecane (C16)	10.099	6944251	42.131 ug/ml
8) T n-Octadecane (C18)	11.543	7142363	42.026 ug/ml
10) T n-Eicosane (C20)	12.852	6856445	40.308 ug/ml
11) T n-Heneicosane (C21)	13.463	6767711	39.542 ug/ml
13) T n-Docosane (C22)	14.050	6651282	38.957 ug/ml
14) T n-Tetracosane (C24)	15.151	6009637	35.255 ug/ml
15) T n-Hexacosane (C26)	16.175	6168474	36.895 ug/ml
16) T n-Octacosane (C28)	17.124	6045178	37.013 ug/ml
17) T n-Tricontane (C30)	18.013	5725456	37.677 ug/ml
18) T n-Dotriacontane (C32)	18.843	5520075	45.898 ug/ml
19) T n-Tetratriacontane (C34)	19.628	5162117	61.988 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4718910	80.367 ug/ml
21) T n-Octatriacontane (C38)	21.094	4565053	91.050 ug/mlm
22) T n-Tetracontane (C40)	21.984	4689316	90.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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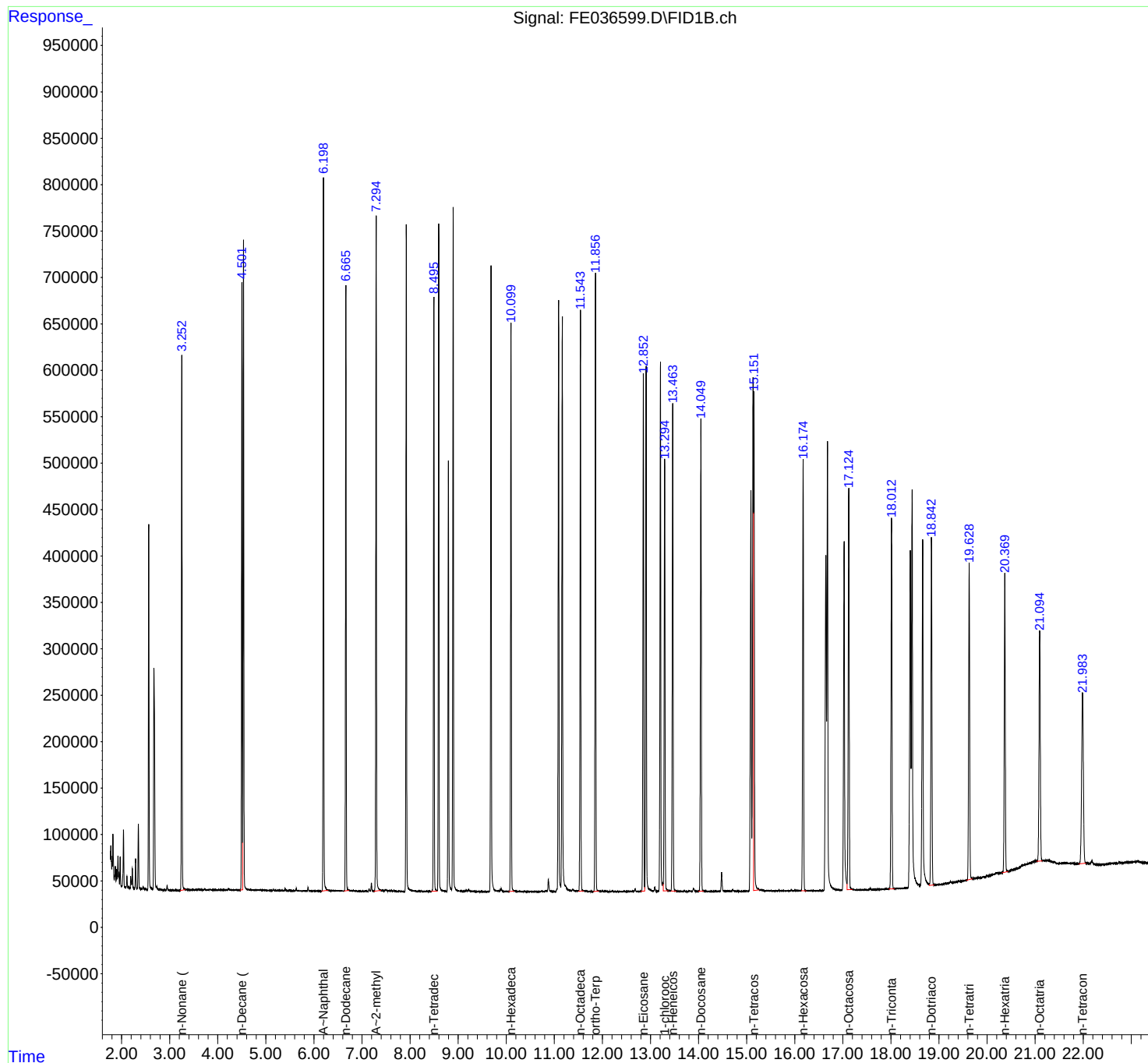
Response via : Initial Calibration

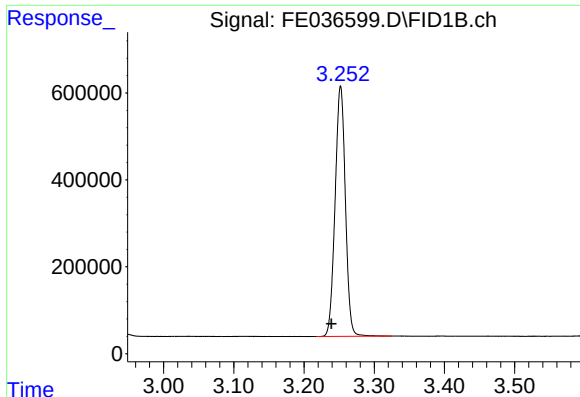
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.013 min
Response: 5863871
Conc: 38.04 ug/ml

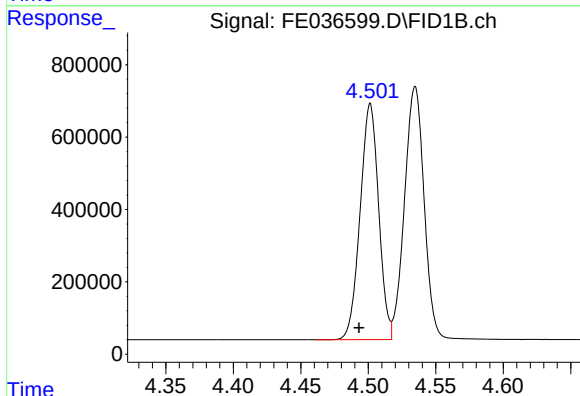
Instrument :

FID_E

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PB146325BS

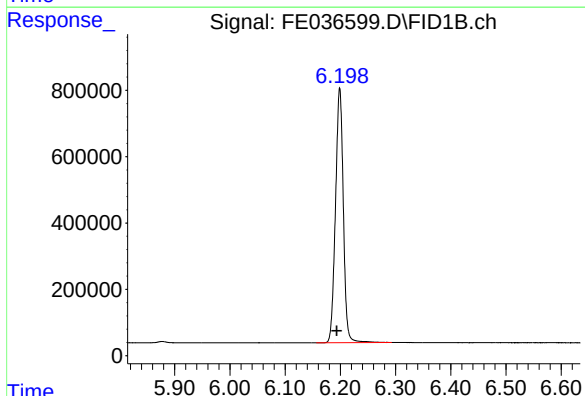
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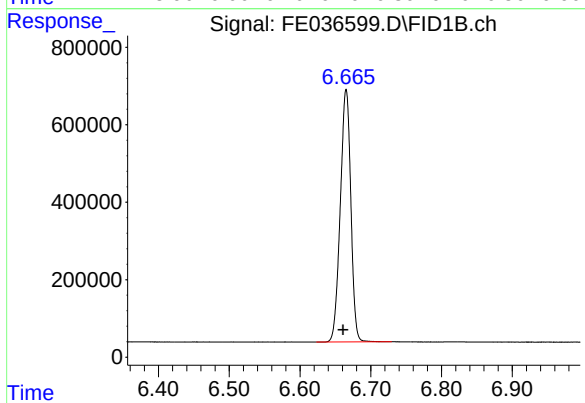
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.008 min
Response: 6231279
Conc: 40.42 ug/ml



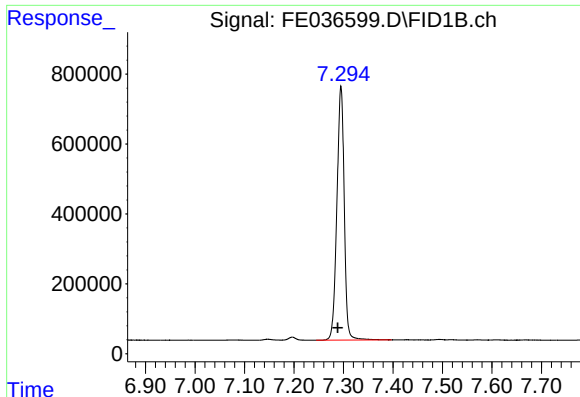
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.006 min
Response: 7571564
Conc: 44.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 6740228
Conc: 42.92 ug/ml



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

R.T.: 7.295 min
Delta R.T.: 0.007 min
Response: 7493638
Conc: 43.60 ug/ml

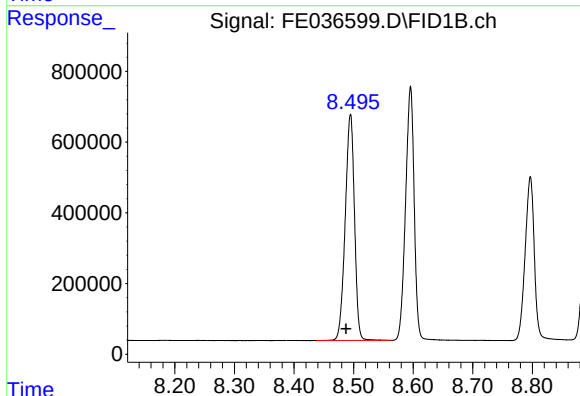
Instrument :

FID_E

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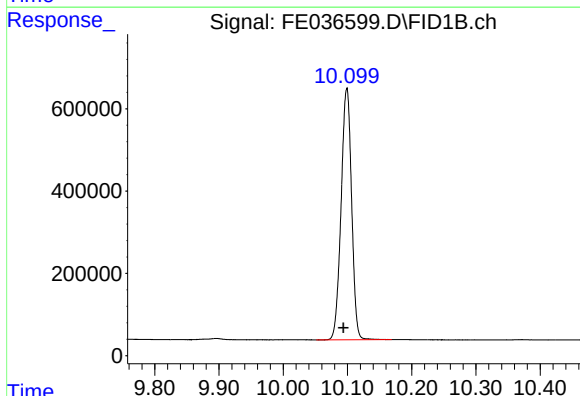
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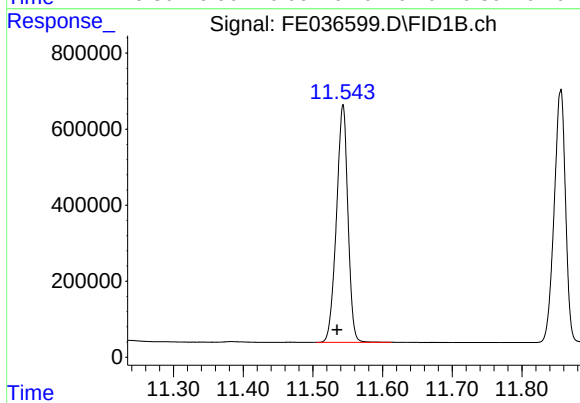
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.007 min
Response: 6919738
Conc: 42.39 ug/ml



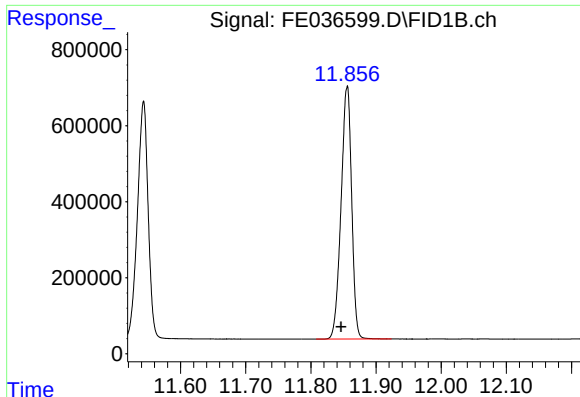
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 6944251
Conc: 42.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.009 min
Response: 7142363
Conc: 42.03 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: 0.009 min
Response: 7525721
Conc: 40.41 ug/ml

Instrument :

FID_E

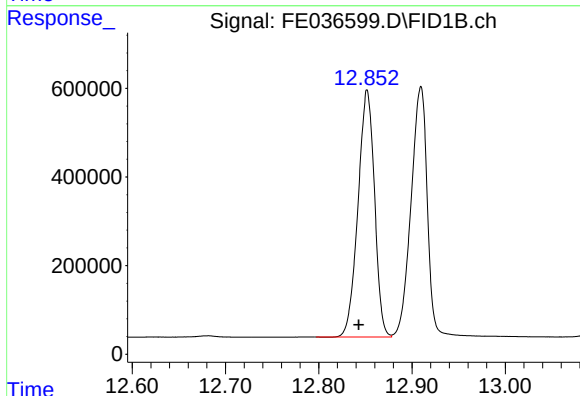
ClientSampleId :

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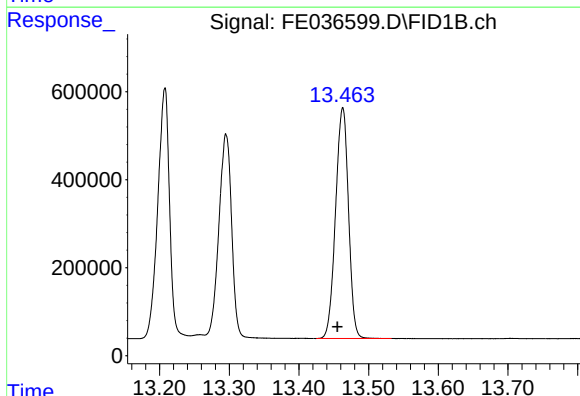
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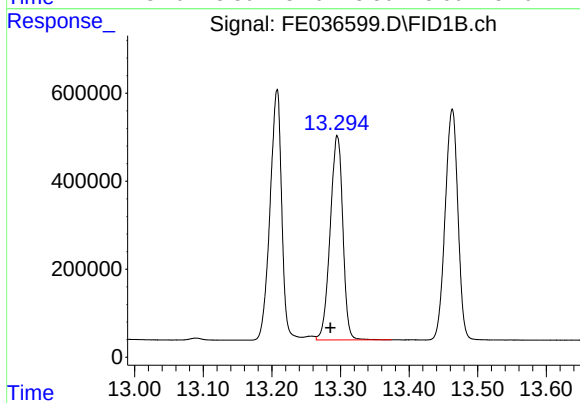
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 6856445
Conc: 40.31 ug/ml



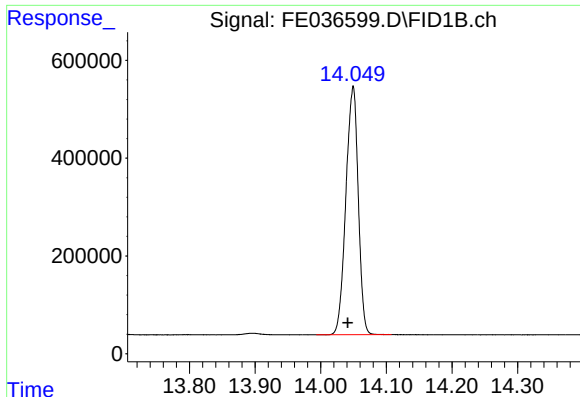
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.008 min
Response: 6767711
Conc: 39.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.010 min
Response: 5953446
Conc: 39.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.008 min
Response: 6651282
Conc: 38.96 ug/ml

Instrument :

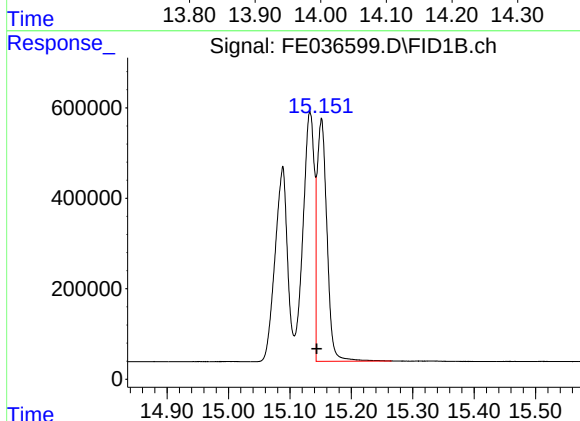
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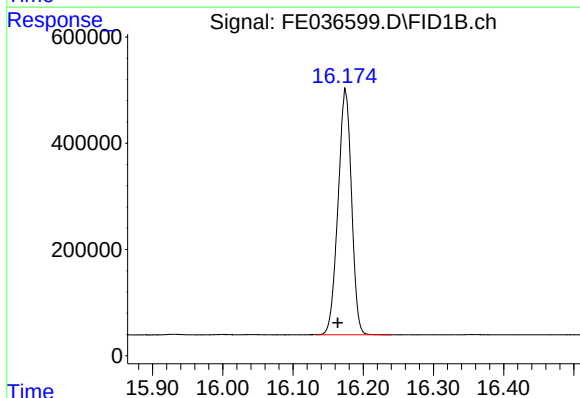
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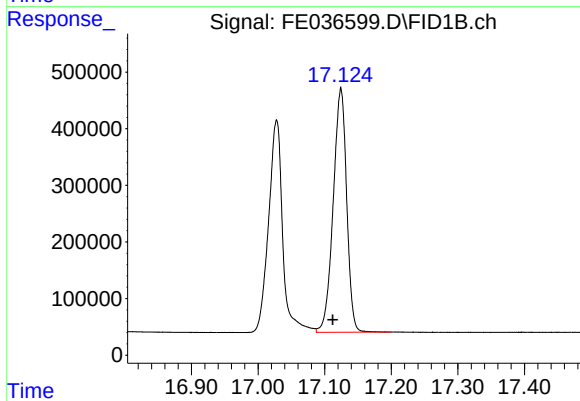
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.008 min
Response: 6009637
Conc: 35.25 ug/ml



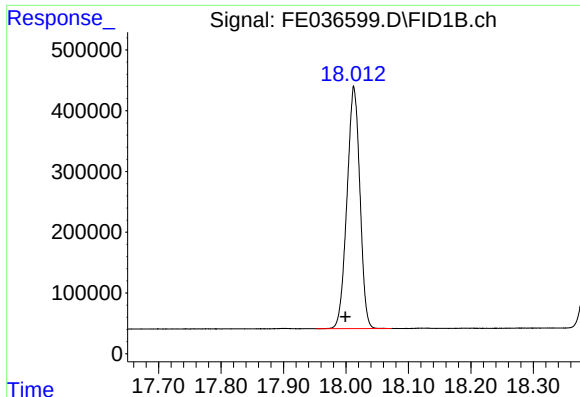
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.011 min
Response: 6168474
Conc: 36.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: 0.012 min
Response: 6045178
Conc: 37.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: 0.014 min
Response: 5725456
Conc: 37.68 ug/ml

Instrument :

FID_E

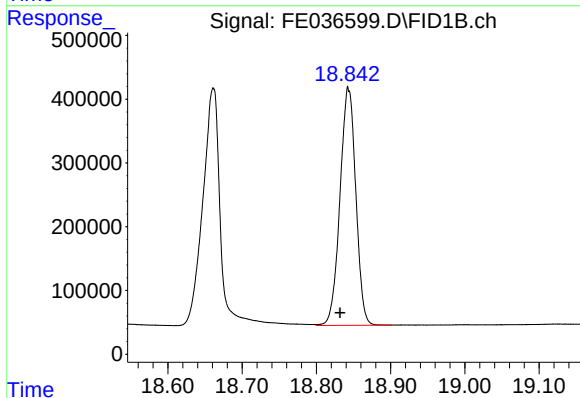
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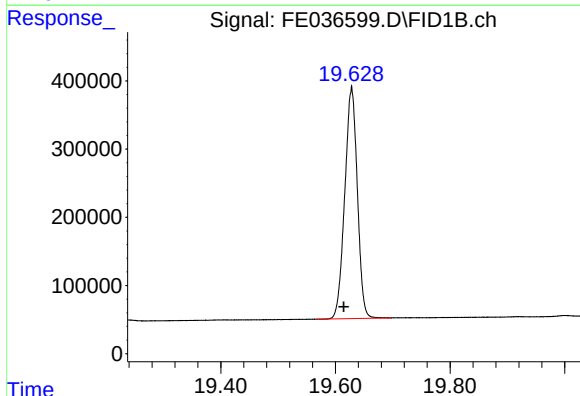
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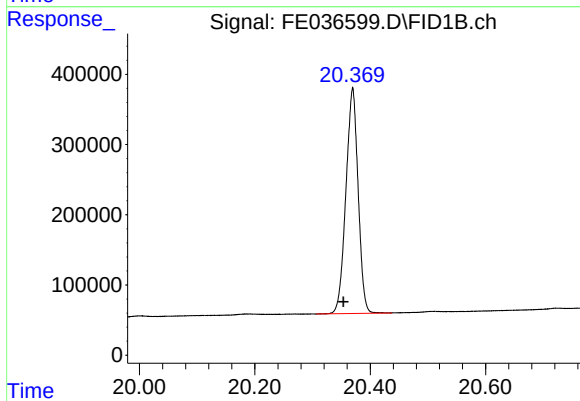
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.011 min
Response: 5520075
Conc: 45.90 ug/ml



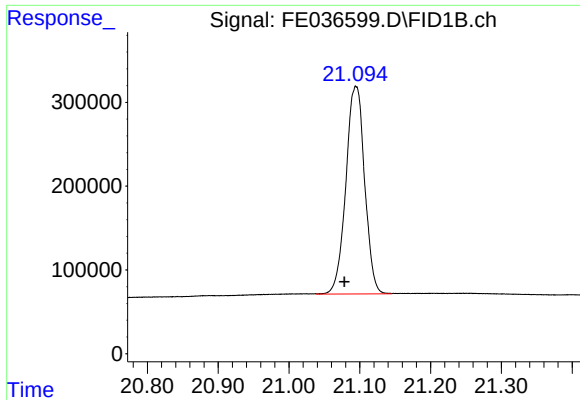
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.014 min
Response: 5162117
Conc: 61.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.016 min
Response: 4718910
Conc: 80.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: 0.015 min
Response: 4565053
Conc: 91.05 ug/ml

Instrument :

FID_E

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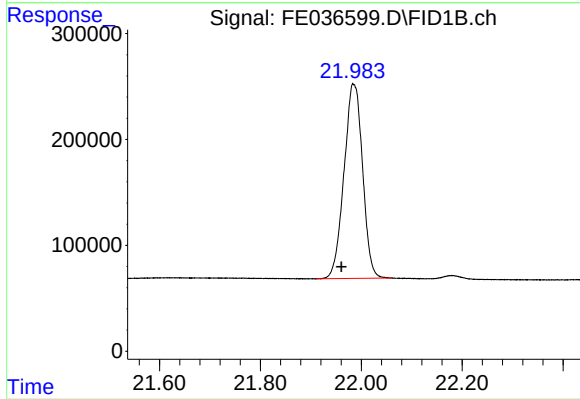
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#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.024 min
Response: 4689316
Conc: 90.80 ug/ml