

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
 Data File : FE036240.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2022 19:10
 Operator : YP\AJ
 Sample : PB145851BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145851BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 03:12:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.881	9202356	46.059 ug/ml
Spiked Amount 50.000		Recovery =	92.12%
12) S 1-chlorooctadecane (S...	13.319	7405137	47.831 ug/ml
Spiked Amount 50.000		Recovery =	95.66%
Target Compounds			
1) T n-Nonane (C9)	3.281	8172267	45.437 ug/ml
2) T n-Decane (C10)	4.531	8703580	48.418 ug/ml
3) T A~Naphthalene (C11.7)	6.227	9930219	49.493 ug/ml
4) T n-Dodecane (C12)	6.692	8933057	48.229 ug/ml
5) T A~2-methylnaphthalene...	7.323	10027486	49.258 ug/ml
6) T n-Tetradecane (C14)	8.521	9535110	51.003 ug/ml
7) T n-Hexadecane (C16)	10.126	10366884	55.357 ug/ml
8) T n-Octadecane (C18)	11.569	11063833	59.469 ug/ml
10) T n-Eicosane (C20)	12.878	10691013	59.013 ug/ml
11) T n-Heneicosane (C21)	13.488	10569229	58.839 ug/ml
13) T n-Docosane (C22)	14.075	10402227	58.836 ug/ml
14) T n-Tetracosane (C24)	15.177	7888647	46.058 ug/mlm
15) T n-Hexacosane (C26)	16.200	9718450	58.821 ug/ml
16) T n-Octacosane (C28)	17.148	9213419	57.557 ug/ml
17) T n-Tricontane (C30)	18.038	8820284	56.971 ug/ml
18) T n-Dotriacontane (C32)	18.868	8680600	59.401 ug/ml
19) T n-Tetratriacontane (C34)	19.651	8273126	59.785 ug/mlm
20) T n-Hexatriacontane (C36)	20.391	8045271	59.929 ug/mlm
21) T n-Octatriacontane (C38)	21.121	7480324	56.247 ug/mlm
22) T n-Tetracontane (C40)	22.023	7485789	53.536 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

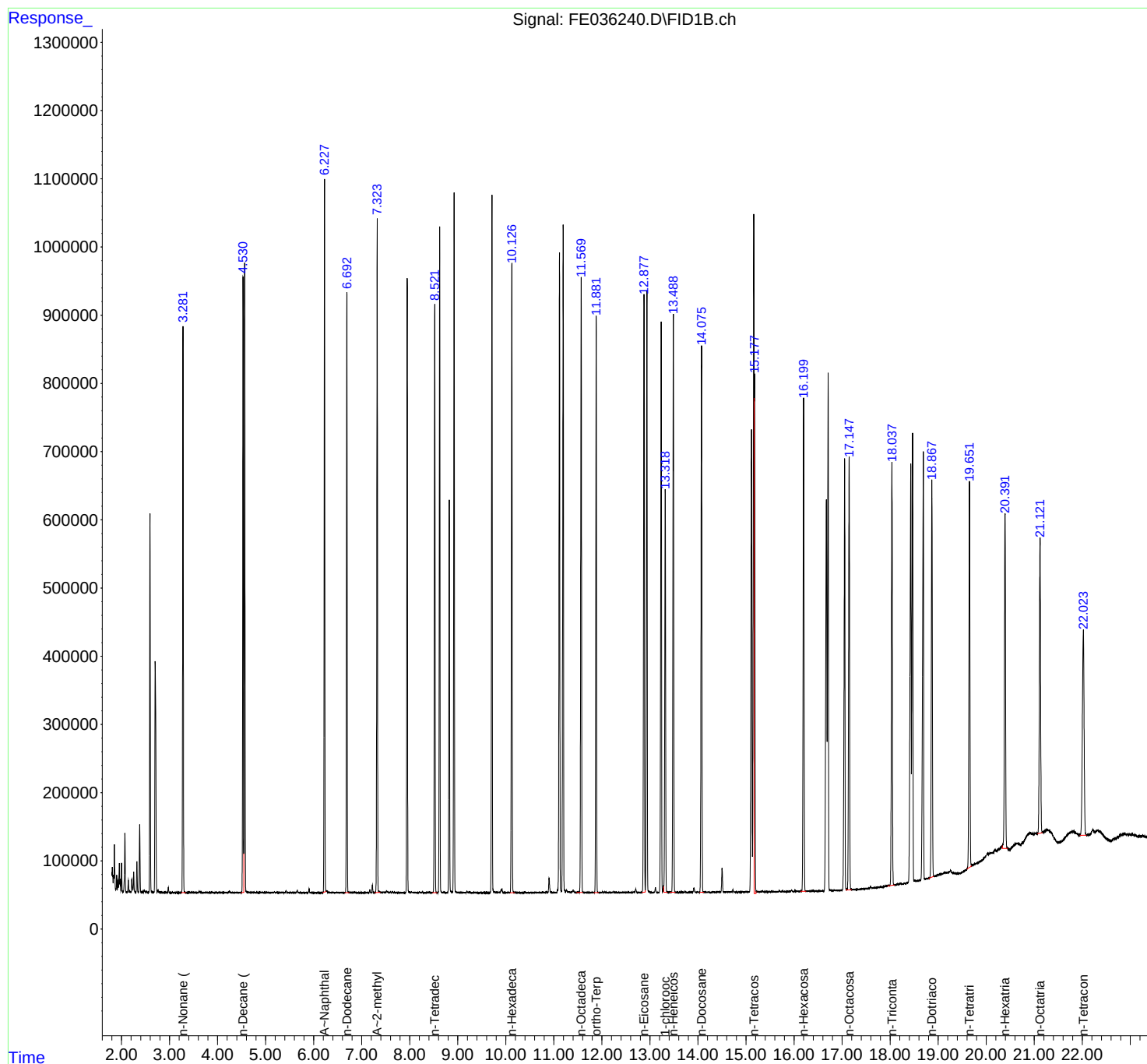
Instrument :
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PB145851BSD

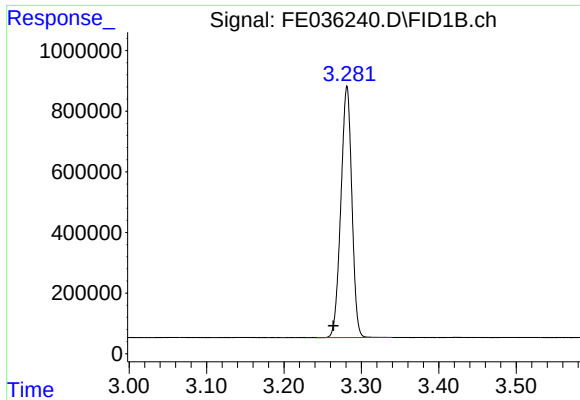
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#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.017 min
Response: 8172267
Conc: 45.44 ug/ml

Instrument :

FID_E

ClientSampleId :

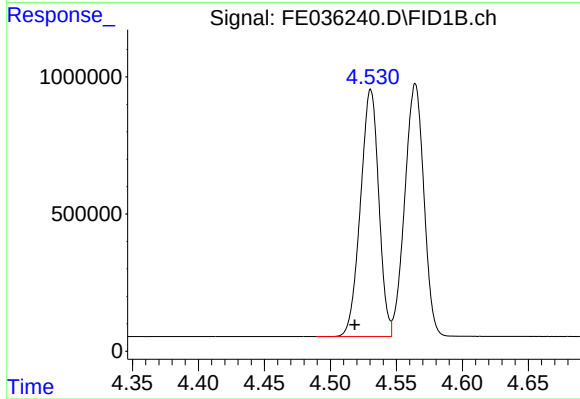
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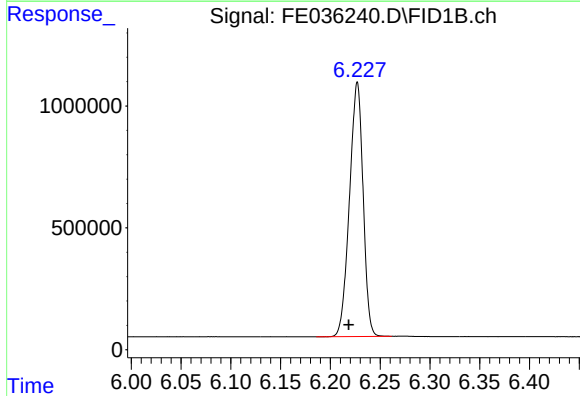
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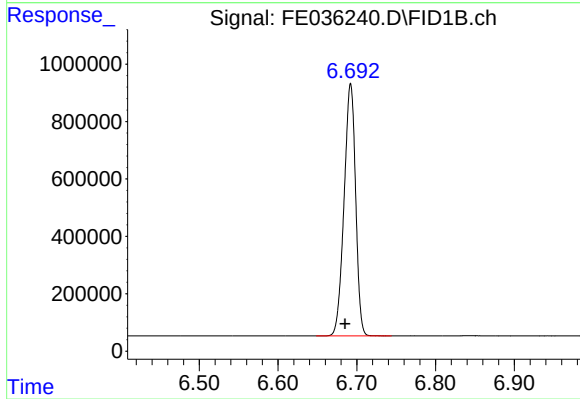
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.012 min
Response: 8703580
Conc: 48.42 ug/ml



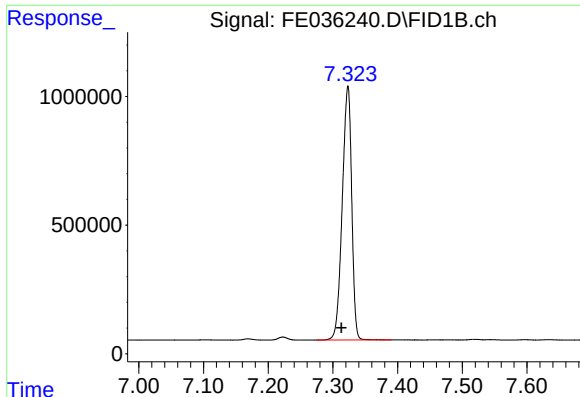
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.009 min
Response: 9930219
Conc: 49.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.007 min
Response: 8933057
Conc: 48.23 ug/ml



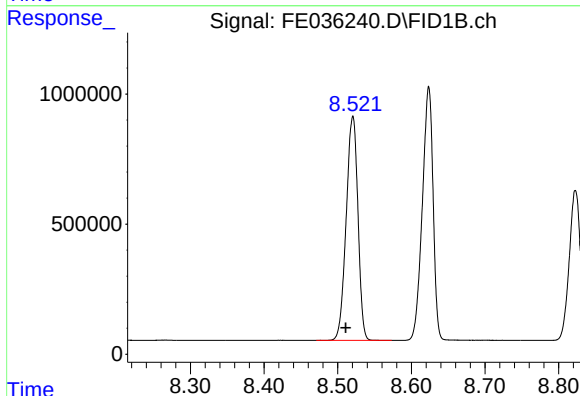
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: 0.010 min
Response: 10027486
Conc: 49.26 ug/ml

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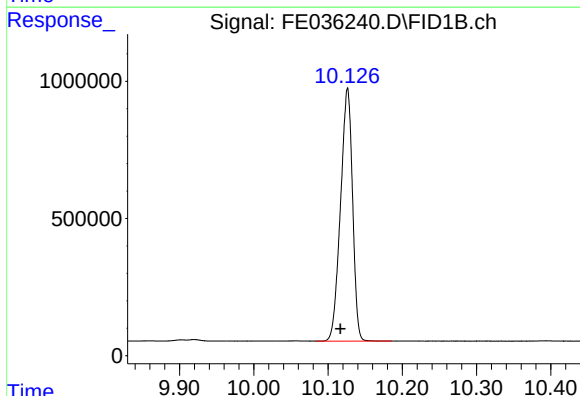
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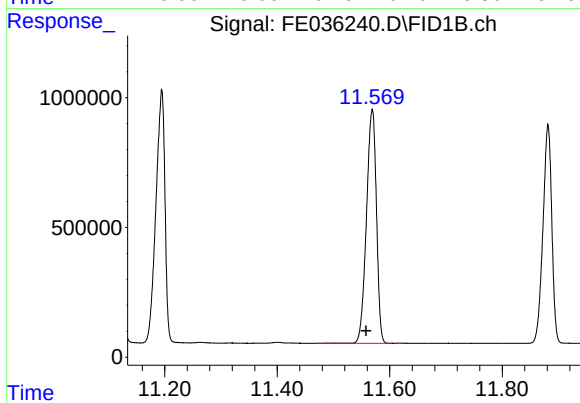
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.009 min
Response: 9535110
Conc: 51.00 ug/ml



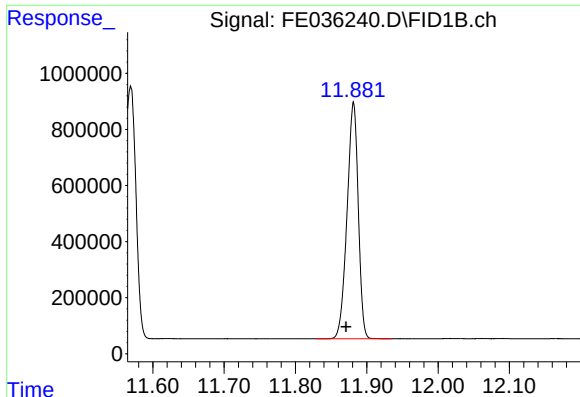
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: 0.010 min
Response: 10366884
Conc: 55.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: 0.011 min
Response: 11063833
Conc: 59.47 ug/ml



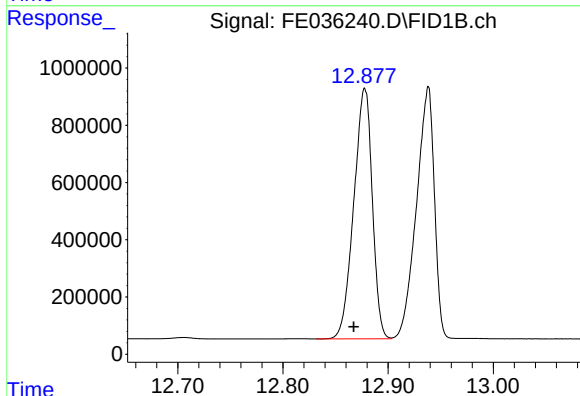
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: 0.010 min
Response: 9202356
Conc: 46.06 ug/ml

Instrument :
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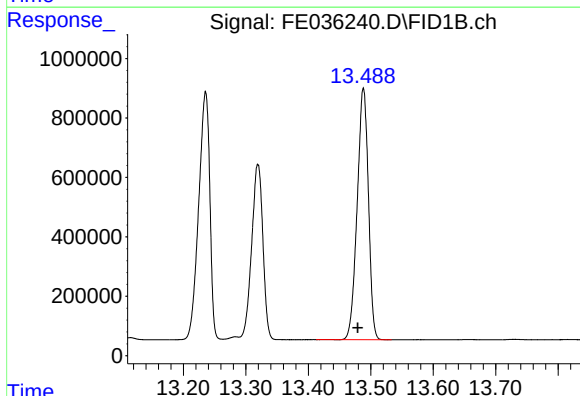
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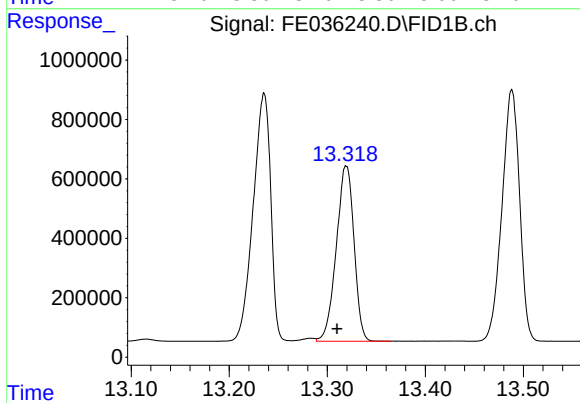
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.011 min
Response: 10691013
Conc: 59.01 ug/ml



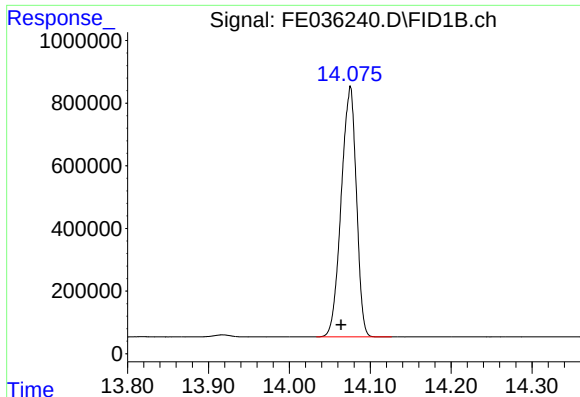
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.009 min
Response: 10569229
Conc: 58.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.010 min
Response: 7405137
Conc: 47.83 ug/ml



#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.012 min
Response: 10402227
Conc: 58.84 ug/ml

Instrument :

FID_E

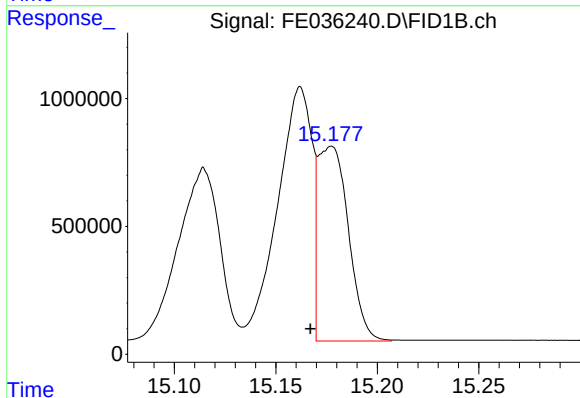
ClientSampleId :

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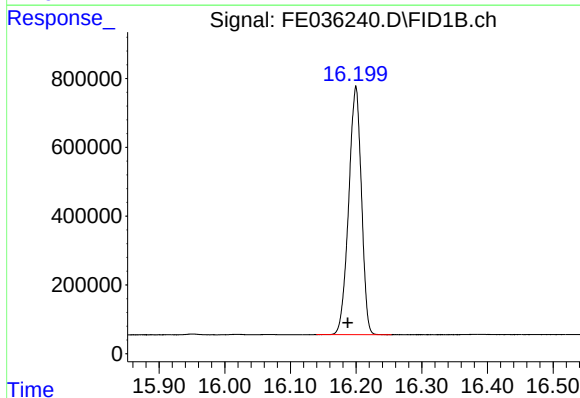
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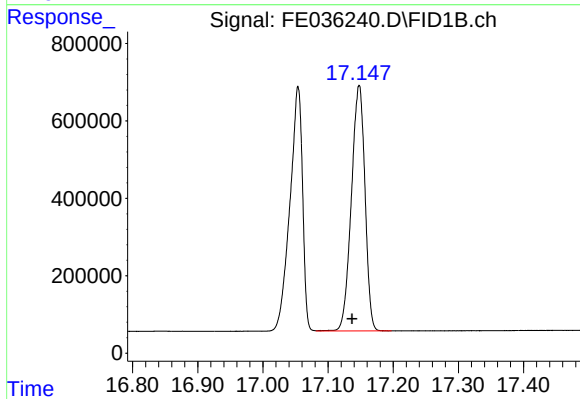
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.010 min
Response: 7888647
Conc: 46.06 ug/ml m



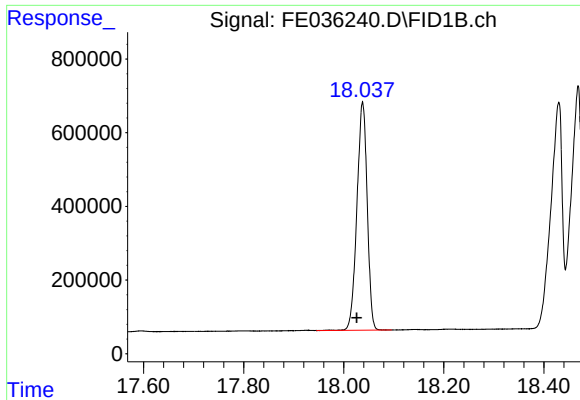
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.012 min
Response: 9718450
Conc: 58.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: 0.011 min
Response: 9213419
Conc: 57.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.012 min
Response: 8820284
Conc: 56.97 ug/ml

Instrument :

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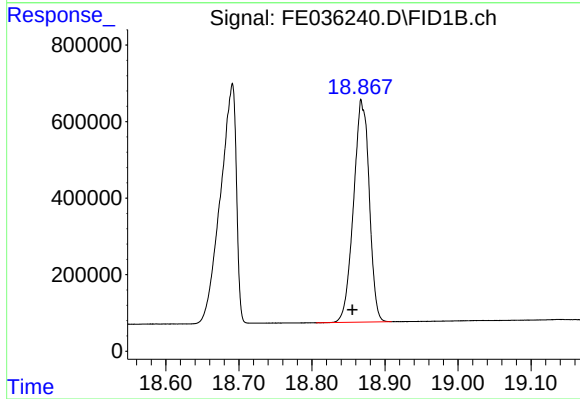
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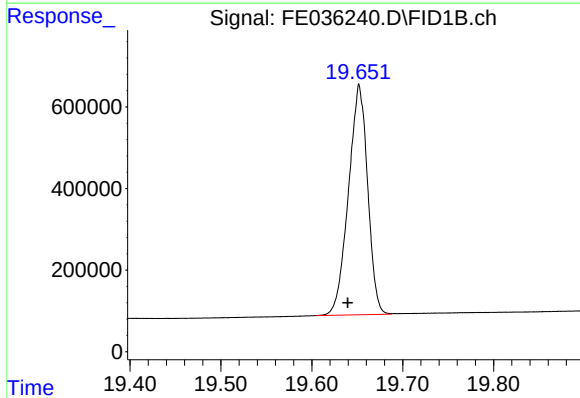
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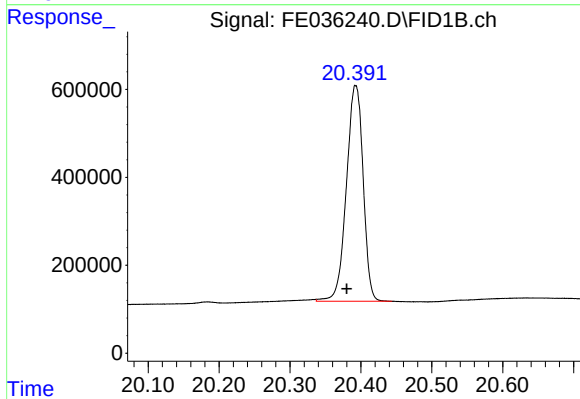
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.012 min
Response: 8680600
Conc: 59.40 ug/ml



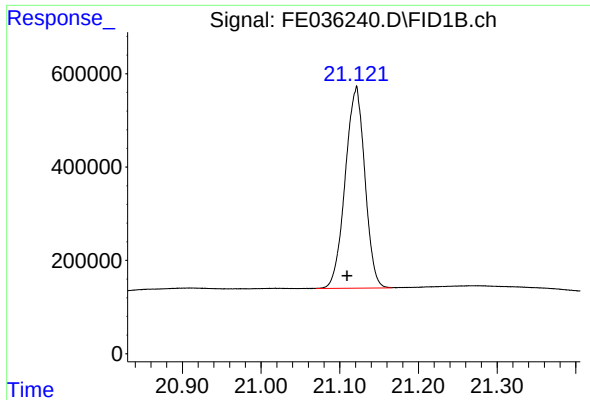
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.012 min
Response: 8273126
Conc: 59.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.011 min
Response: 8045271
Conc: 59.93 ug/ml m



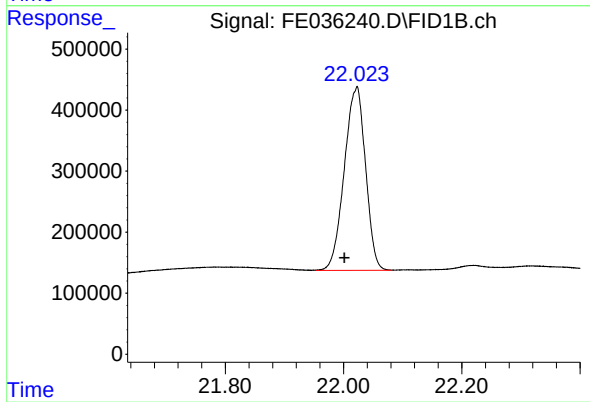
#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.012 min
Response: 7480324
Conc: 56.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.021 min
Response: 7485789
Conc: 53.54 ug/ml m