

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036600.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 15:53
 Operator : YP\AJ
 Sample : PB146325BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146325BSD

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 01:13:21 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	7591228	40.759 ug/ml
Spiked Amount 50.000		Recovery =	81.52%
12) S 1-chlorooctadecane (S...	13.295	6109896	40.158 ug/ml
Spiked Amount 50.000		Recovery =	80.32%
Target Compounds			
1) T n-Nonane (C9)	3.252	5897723	38.258 ug/ml
2) T n-Decane (C10)	4.502	6279987	40.740 ug/ml
3) T A~Naphthalene (C11.7)	6.199	7632208	44.663 ug/ml
4) T n-Dodecane (C12)	6.666	6784599	43.198 ug/ml
5) T A~2-methylnaphthalene...	7.295	7550790	43.933 ug/ml
6) T n-Tetradecane (C14)	8.495	6967079	42.675 ug/ml
7) T n-Hexadecane (C16)	10.100	6995570	42.442 ug/ml
8) T n-Octadecane (C18)	11.543	7200207	42.367 ug/ml
10) T n-Eicosane (C20)	12.852	6918987	40.676 ug/ml
11) T n-Heneicosane (C21)	13.464	6827956	39.894 ug/ml
13) T n-Docosane (C22)	14.050	6719398	39.356 ug/ml
14) T n-Tetracosane (C24)	15.153	6232523	36.562 ug/ml
15) T n-Hexacosane (C26)	16.176	6264128	37.468 ug/ml
16) T n-Octacosane (C28)	17.124	6138305	37.583 ug/ml
17) T n-Tricontane (C30)	18.015	5814184	38.261 ug/ml
18) T n-Dotriacontane (C32)	18.846	5586539	46.450 ug/ml
19) T n-Tetratriacontane (C34)	19.630	5228120	62.780 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4841589	82.456 ug/mlm
21) T n-Octatriacontane (C38)	21.098	4605442	91.856 ug/ml
22) T n-Tetracontane (C40)	21.983	4721189	91.421 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146325BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

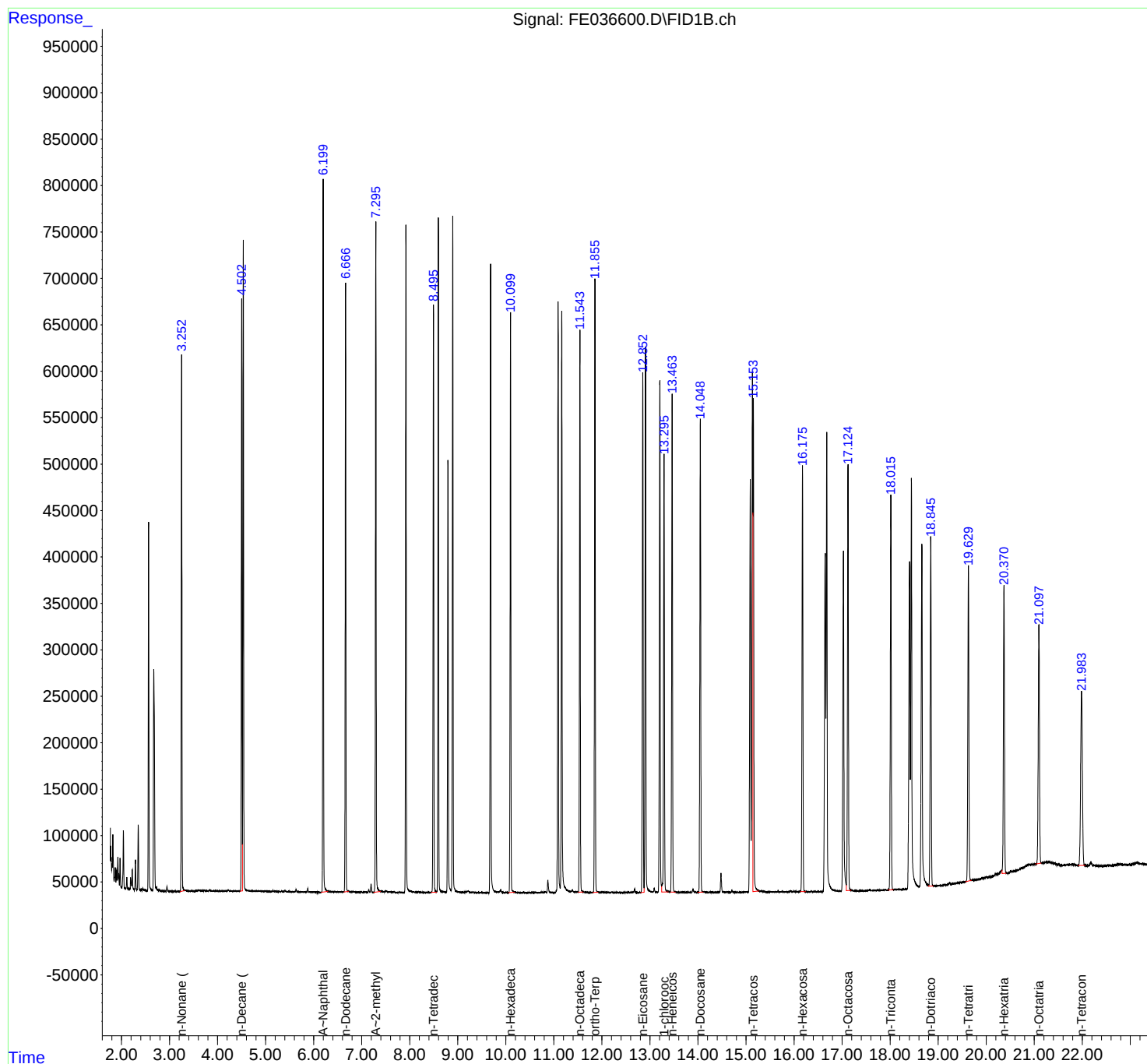
Instrument :
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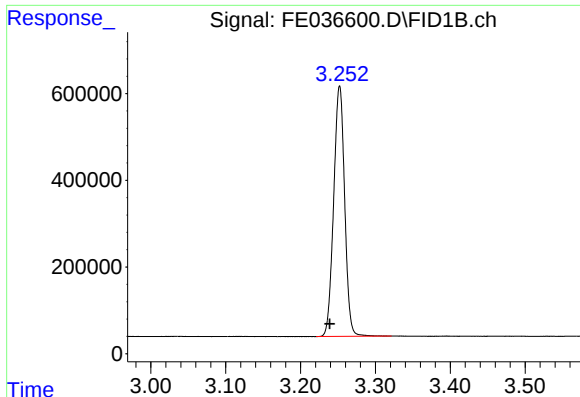
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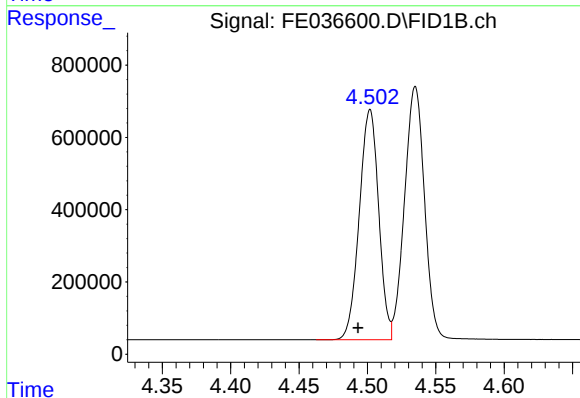
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.013 min
Response: 5897723
Conc: 38.26 ug/ml

Instrument :
FID_E
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PB146325BSD

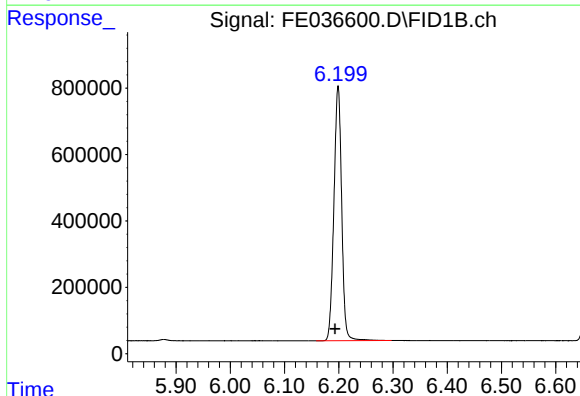
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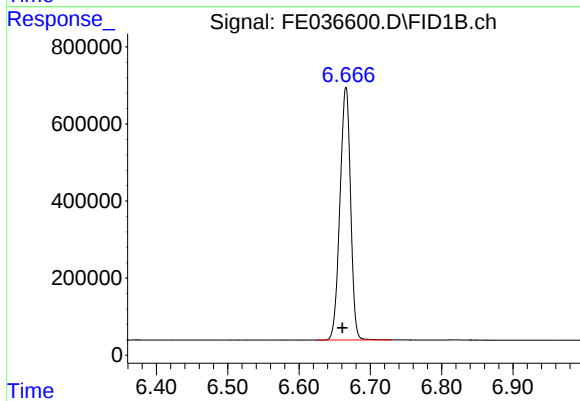
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.009 min
Response: 6279987
Conc: 40.74 ug/ml



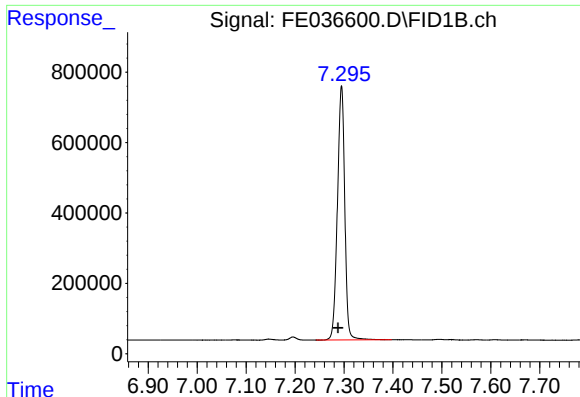
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.006 min
Response: 7632208
Conc: 44.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: 0.005 min
Response: 6784599
Conc: 43.20 ug/ml



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

R.T.: 7.295 min
Delta R.T.: 0.007 min
Response: 7550790
Conc: 43.93 ug/ml

Instrument :

FID_E

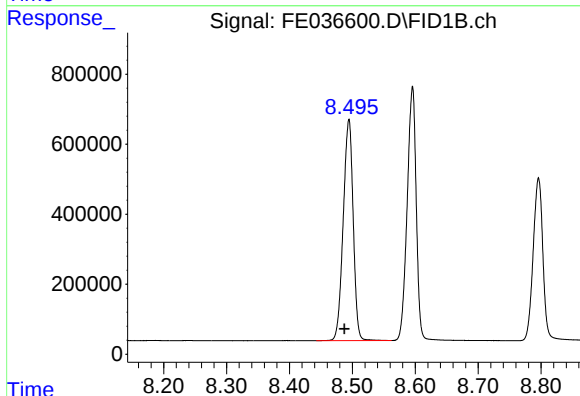
ClientSampleId :

PB146325BSD

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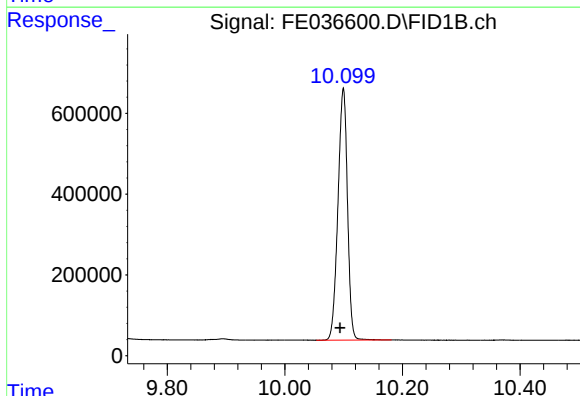
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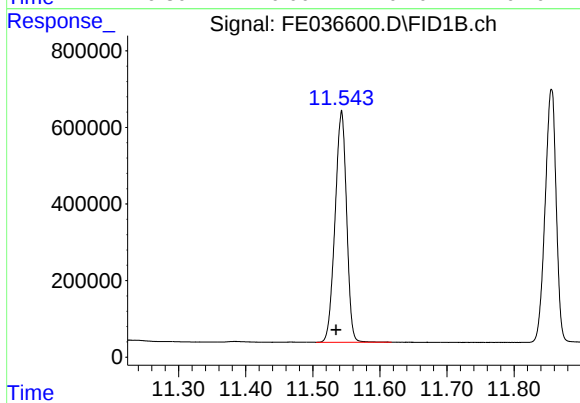
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.007 min
Response: 6967079
Conc: 42.68 ug/ml



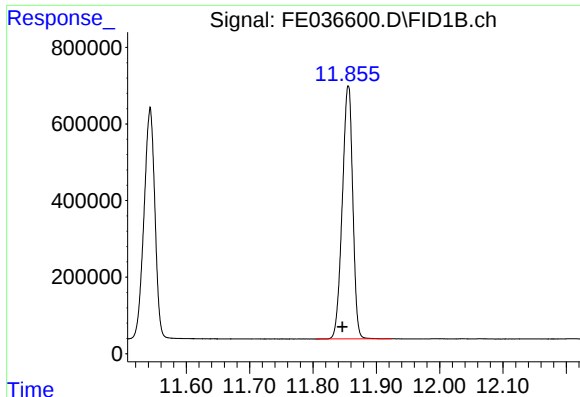
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.006 min
Response: 6995570
Conc: 42.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.008 min
Response: 7200207
Conc: 42.37 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: 0.009 min
Response: 7591228
Conc: 40.76 ug/ml

Instrument :

FID_E

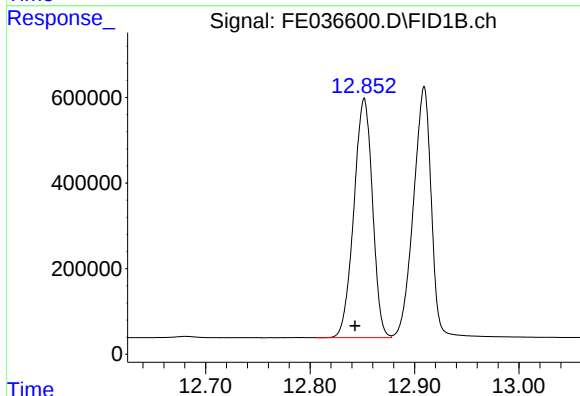
ClientSampleId :

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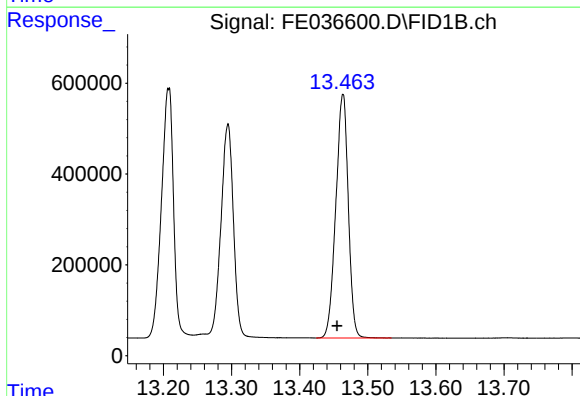
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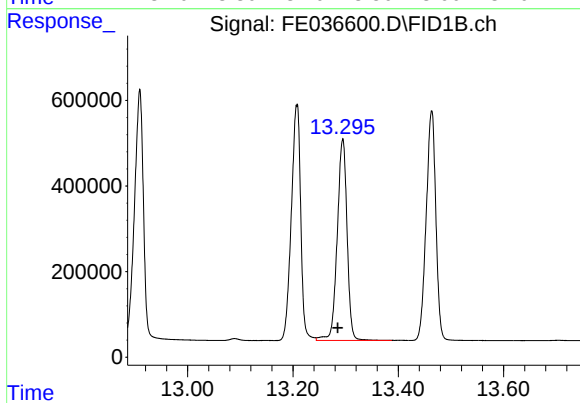
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 6918987
Conc: 40.68 ug/ml



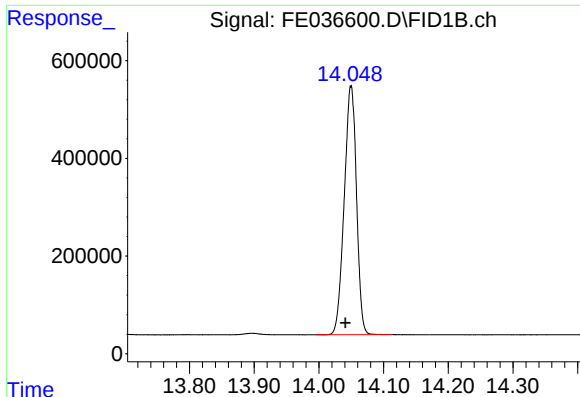
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 6827956
Conc: 39.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.009 min
Response: 6109896
Conc: 40.16 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 6719398
Conc: 39.36 ug/ml

Instrument :

FID_E

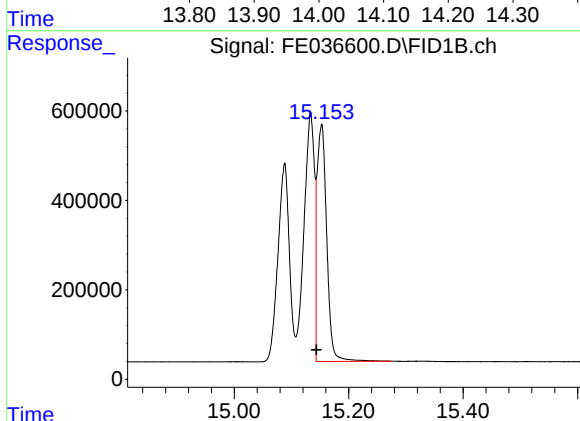
ClientSampleId :

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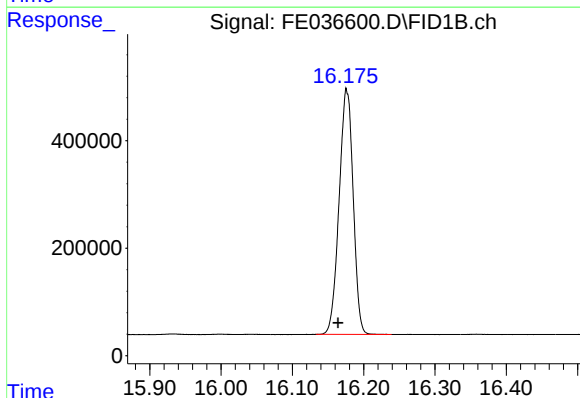
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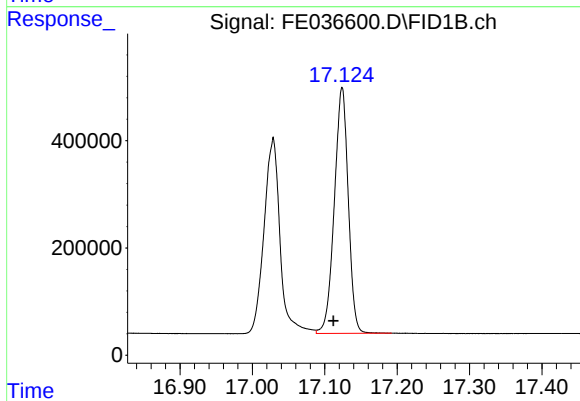
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: 0.009 min
Response: 6232523
Conc: 36.56 ug/ml



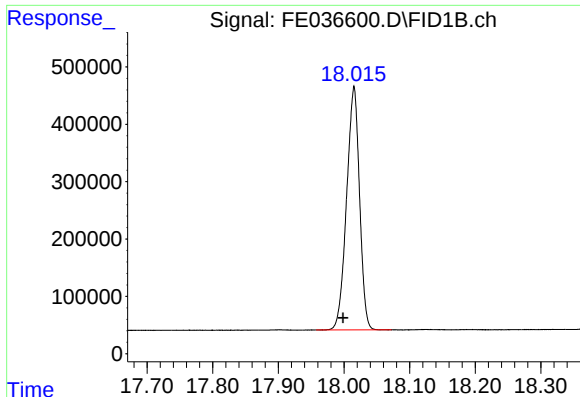
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 6264128
Conc: 37.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: 0.012 min
Response: 6138305
Conc: 37.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: 0.017 min
Response: 5814184
Conc: 38.26 ug/ml

Instrument :

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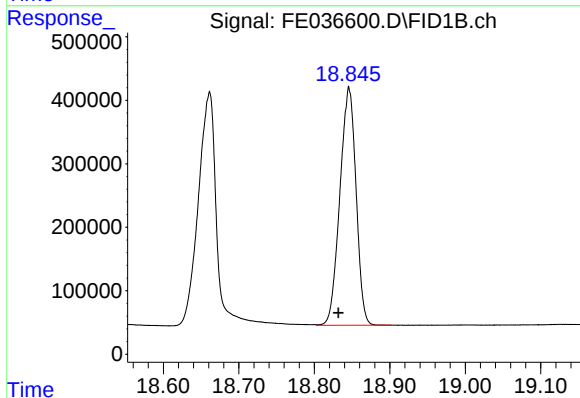
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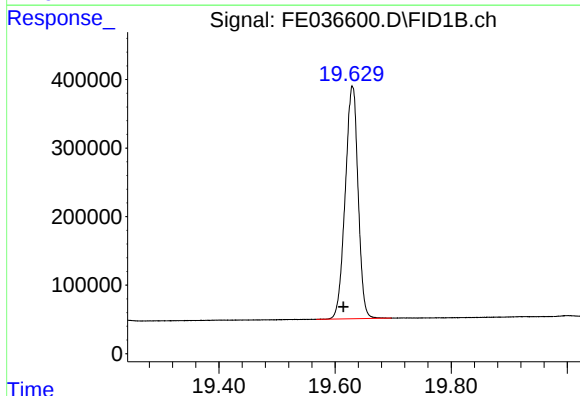
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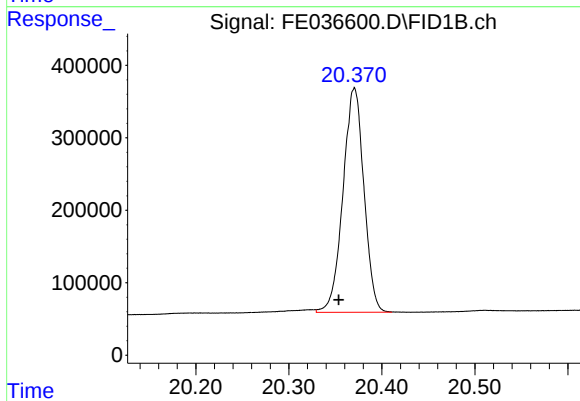
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: 0.014 min
Response: 5586539
Conc: 46.45 ug/ml



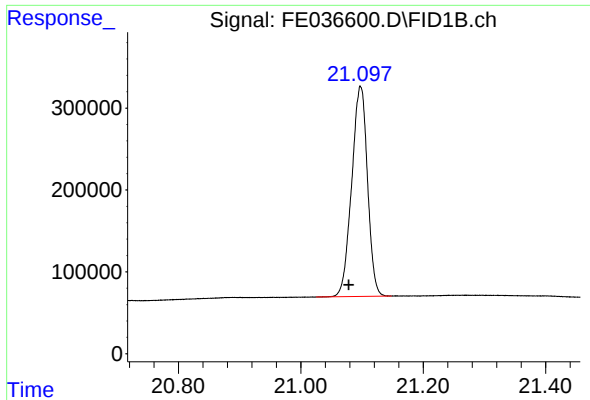
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.016 min
Response: 5228120
Conc: 62.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.017 min
Response: 4841589
Conc: 82.46 ug/ml m



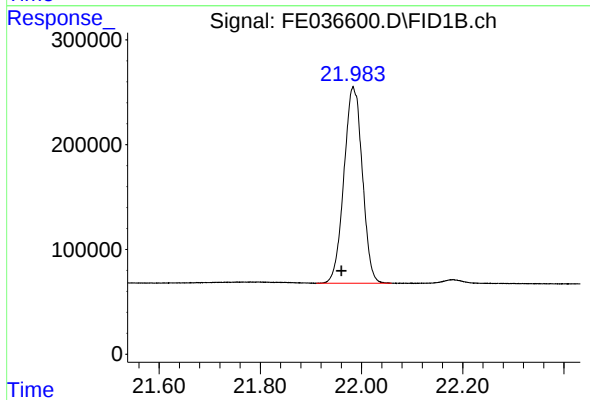
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: 0.020 min
Response: 4605442
Conc: 91.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.023 min
Response: 4721189
Conc: 91.42 ug/ml