

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036392.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 19:46
 Operator : YP\AJ
 Sample : N3587-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 04:01:15 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)	11.872	6564898	32.858 ug/ml
Spiked Amount 50.000		Recovery =	65.72%
12) S 1-chlorooctadecane (S...	13.310	4837981	31.250 ug/ml
Spiked Amount 50.000		Recovery =	62.50%
Target Compounds			
1) T n-Nonane (C9)	3.287	9384059	52.174 ug/ml
2) T n-Decane (C10)	4.531	9645912	53.660 ug/ml
3) T A~Naphthalene (C11.7)	6.224	10826047	53.958 ug/ml
4) T n-Dodecane (C12)	6.687	9979847	53.880 ug/ml
5) T A~2-methylnaphthalene...	7.317	10494102	51.550 ug/ml
6) T n-Tetradecane (C14)	8.514	9922753	53.076 ug/ml
7) T n-Hexadecane (C16)	10.118	9820400	52.439 ug/ml
8) T n-Octadecane (C18)	11.560	10078228	54.172 ug/ml
10) T n-Eicosane (C20)	12.869	9533061	52.622 ug/ml
11) T n-Heneicosane (C21)	13.480	9477147	52.760 ug/ml
13) T n-Docosane (C22)	14.066	9306010	52.636 ug/ml
14) T n-Tetracosane (C24)	15.164	5395132	31.500 ug/mlm
15) T n-Hexacosane (C26)	16.189	9046769	54.756 ug/ml
16) T n-Octacosane (C28)	17.138	9038209	56.463 ug/ml
17) T n-Tricontane (C30)	18.027	9098026	58.765 ug/ml
18) T n-Dotriacontane (C32)	18.858	9249032	63.290 ug/ml
19) T n-Tetratriacontane (C34)	19.643	9179888	66.337 ug/ml
20) T n-Hexatriacontane (C36)	20.384	8540403	63.617 ug/ml
21) T n-Octatriacontane (C38)	21.111	8555336	64.331 ug/ml
22) T n-Tetracontane (C40)	22.010	9554733	68.333 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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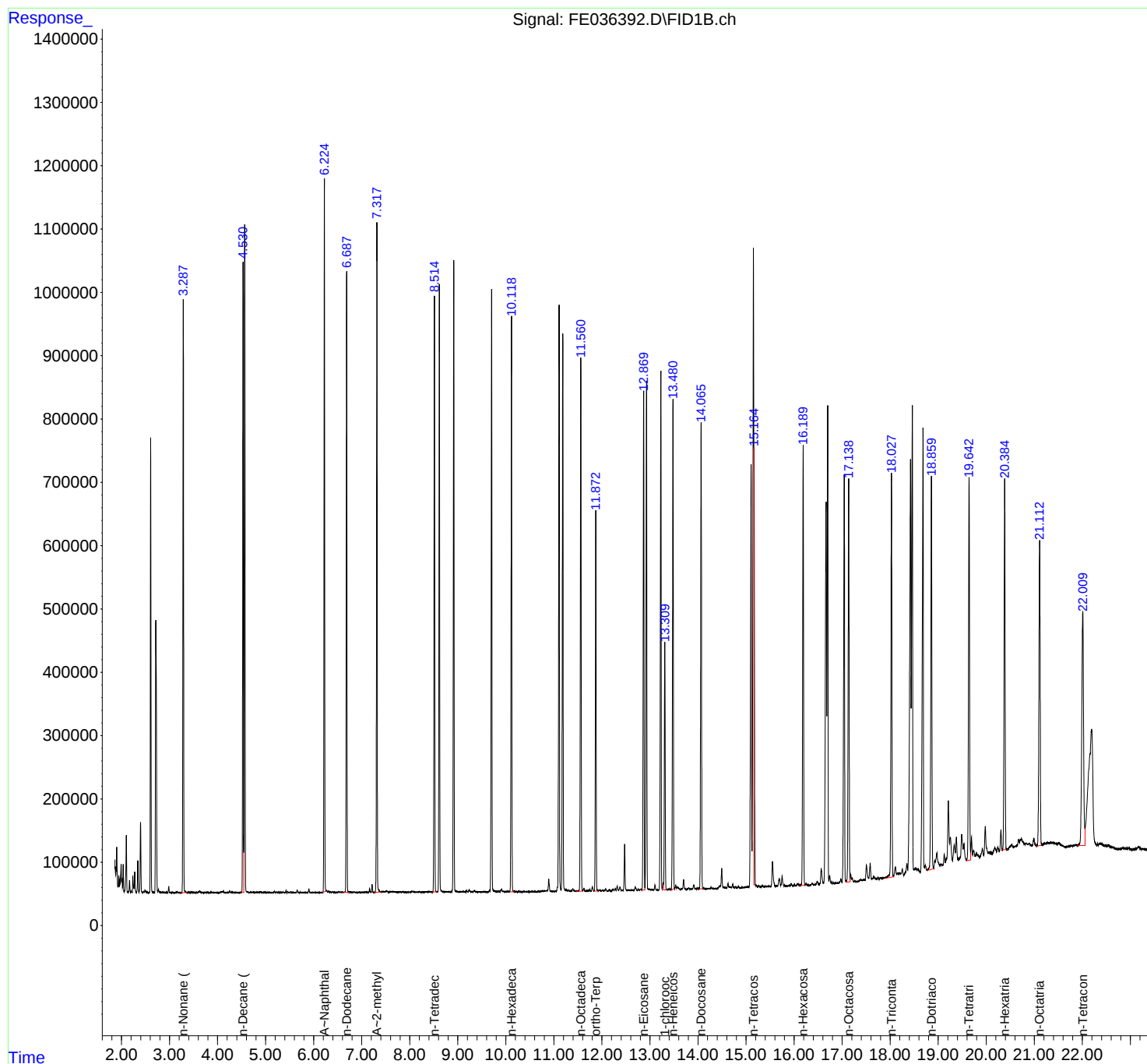
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FID_E
ClientSampleId :
5MS

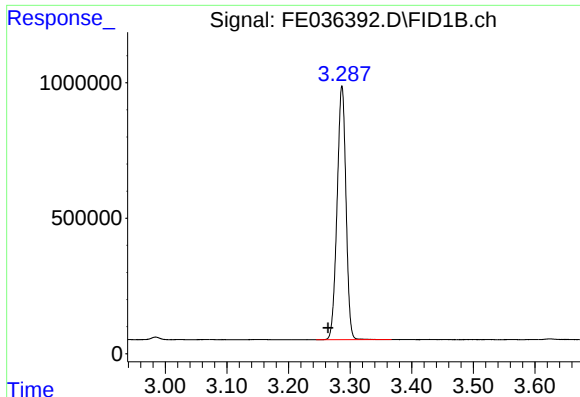
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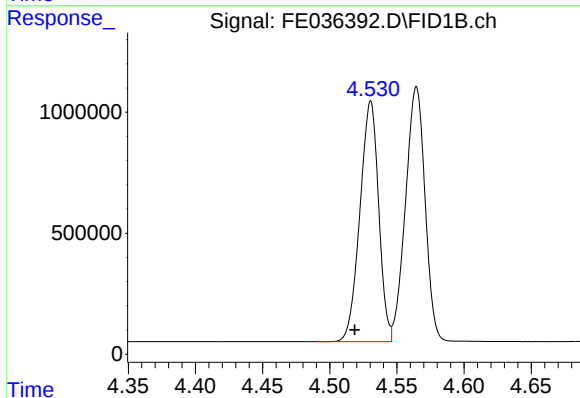
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.023 min
Response: 9384059
Conc: 52.17 ug/ml

Instrument :
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SMS

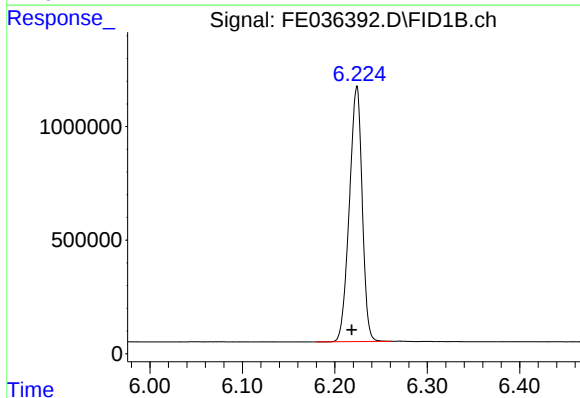
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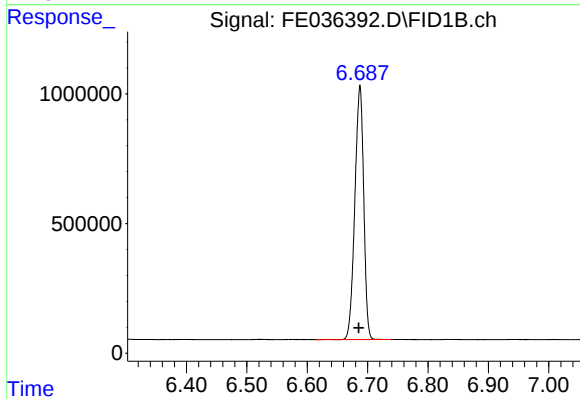
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.012 min
Response: 9645912
Conc: 53.66 ug/ml



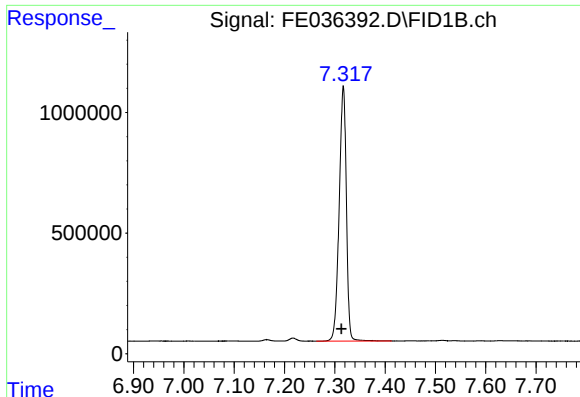
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.006 min
Response: 10826047
Conc: 53.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 9979847
Conc: 53.88 ug/ml



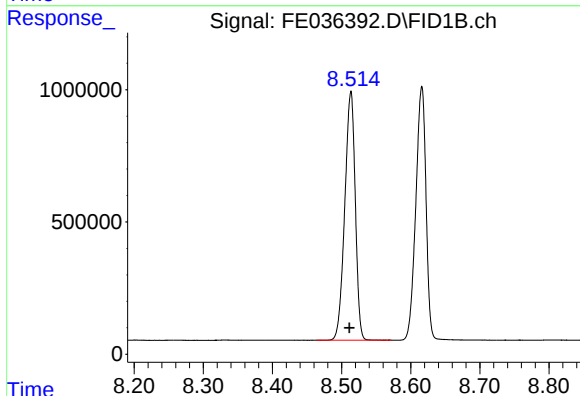
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.317 min
Delta R.T.: 0.004 min
Response: 10494102
Conc: 51.55 ug/ml

Instrument :
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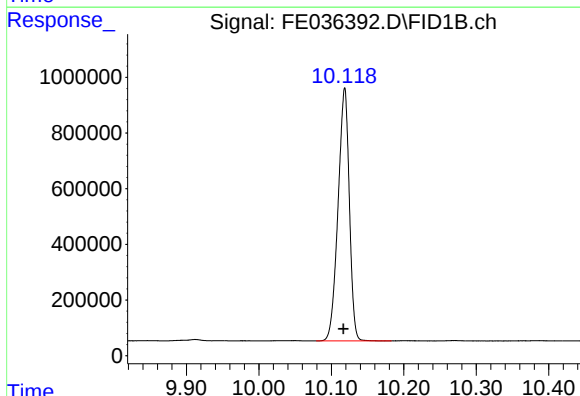
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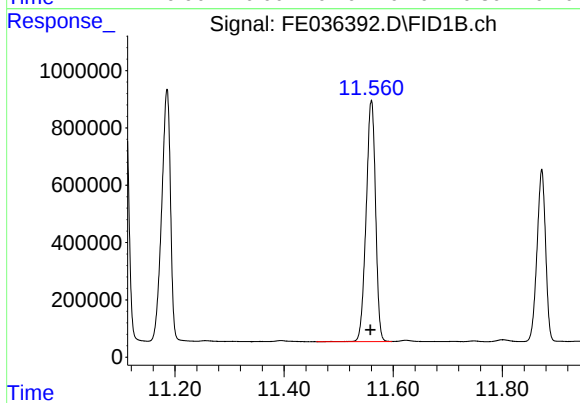
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.002 min
Response: 9922753
Conc: 53.08 ug/ml



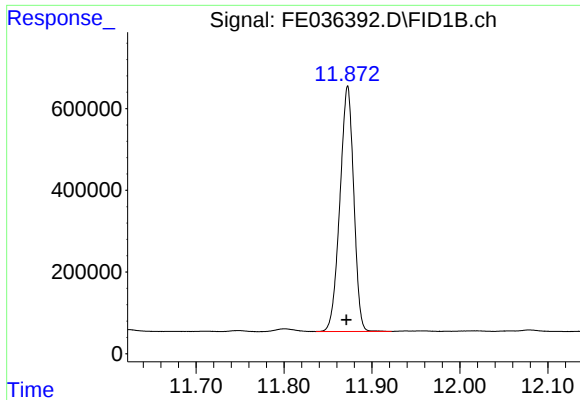
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 9820400
Conc: 52.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 10078228
Conc: 54.17 ug/ml



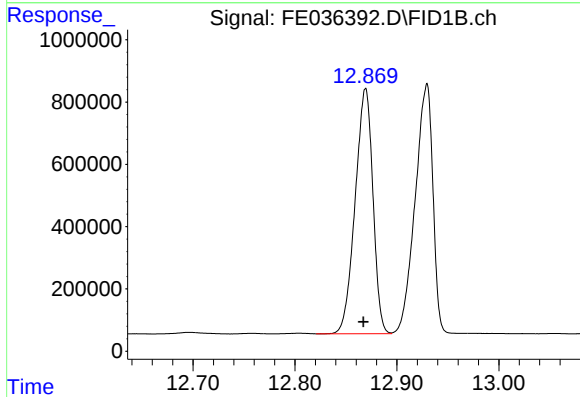
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.001 min
Response: 6564898
Conc: 32.86 ug/ml

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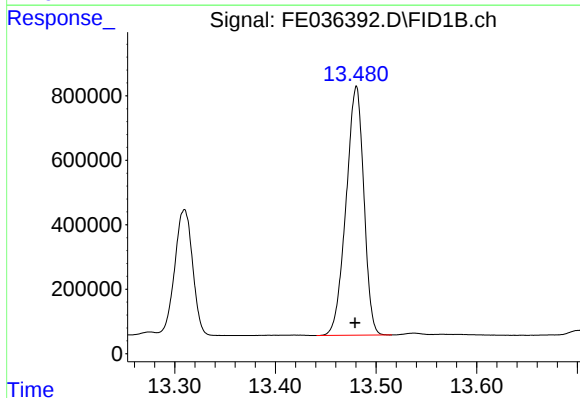
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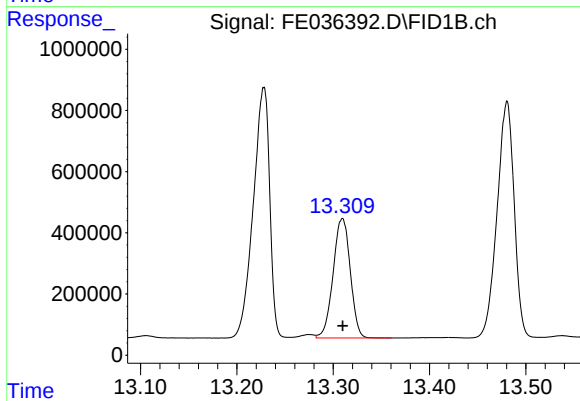
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 9533061
Conc: 52.62 ug/ml



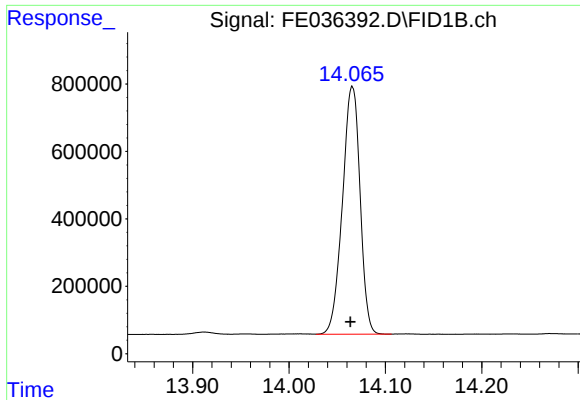
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.001 min
Response: 9477147
Conc: 52.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4837981
Conc: 31.25 ug/ml



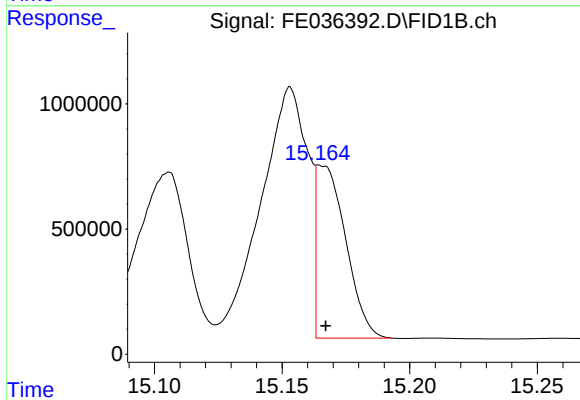
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 9306010
Conc: 52.64 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS

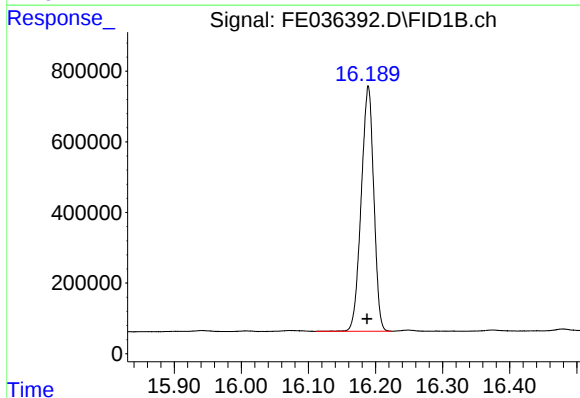
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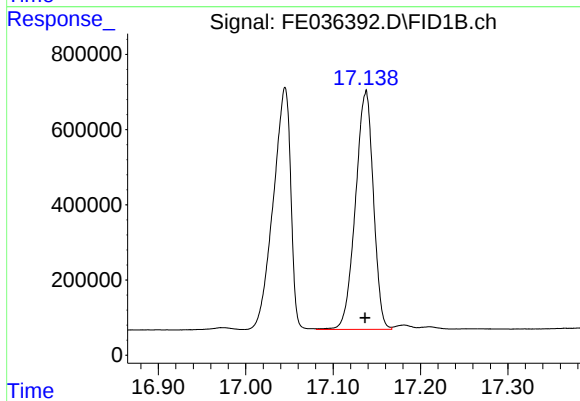
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 5395132
Conc: 31.50 ug/ml m



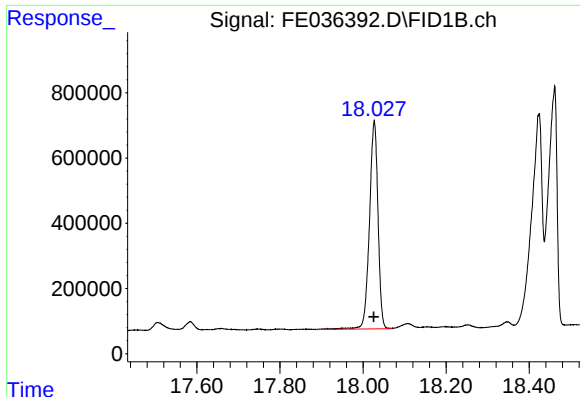
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.002 min
Response: 9046769
Conc: 54.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.001 min
Response: 9038209
Conc: 56.46 ug/ml



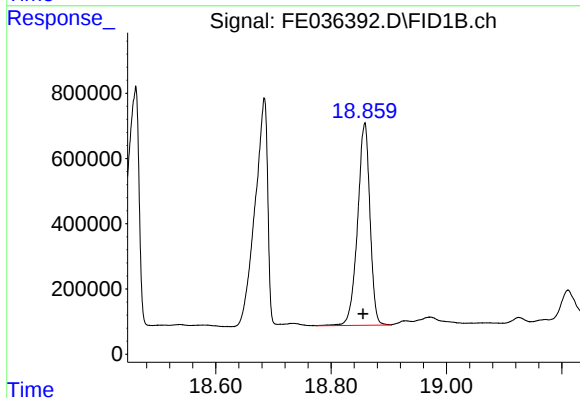
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.002 min
Response: 9098026
Conc: 58.76 ug/ml

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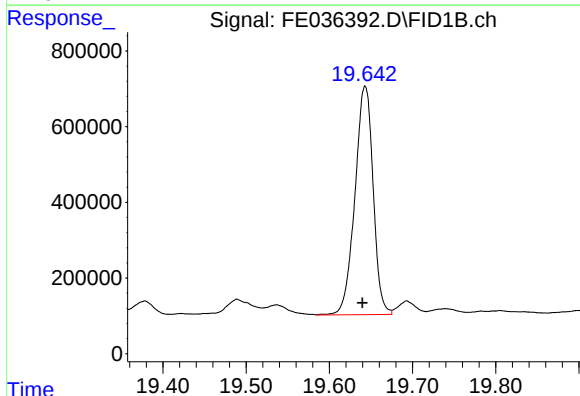
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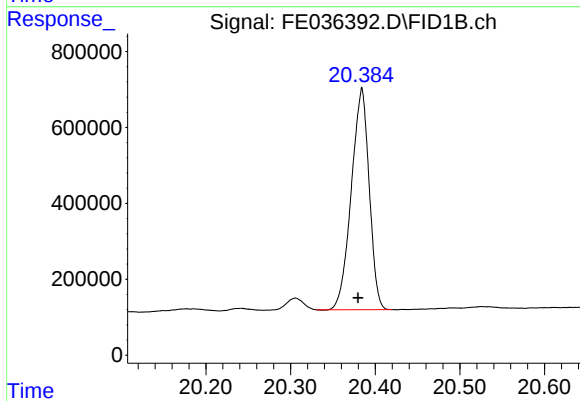
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.003 min
Response: 9249032
Conc: 63.29 ug/ml



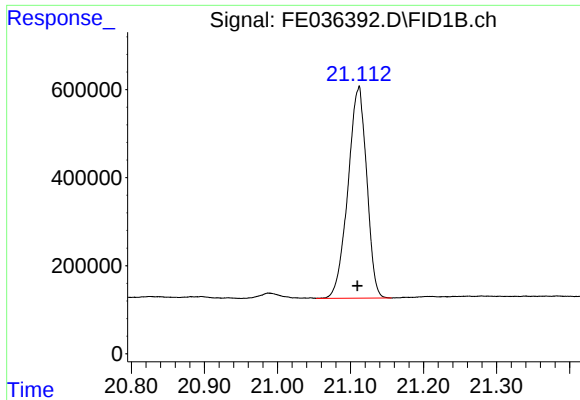
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.003 min
Response: 9179888
Conc: 66.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 8540403
Conc: 63.62 ug/ml



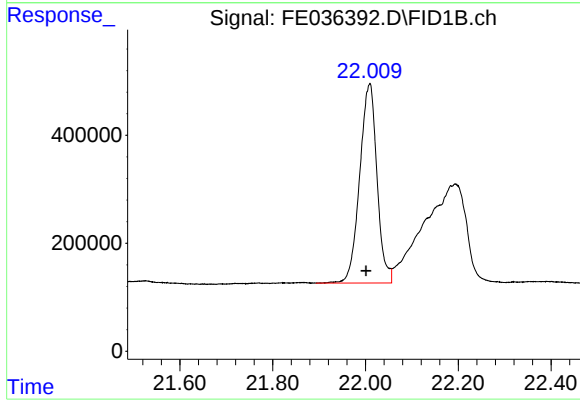
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.002 min
Response: 8555336
Conc: 64.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.008 min
Response: 9554733
Conc: 68.33 ug/ml