

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
 Data File : FE036994.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2022 19:53
 Operator : YP\AJ
 Sample : N4121-08MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: sample.E
 Quant Time: Aug 11 01:43:22 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)	11.839	8432018	45.273 ug/mlm
Spiked Amount 50.000		Recovery =	90.55%
12) S 1-chlorooctadecane (S...	13.278	7183724	47.216 ug/ml
Spiked Amount 50.000		Recovery =	94.43%
Target Compounds			
1) T n-Nonane (C9)	3.244	7394180	47.965 ug/ml
2) T n-Decane (C10)	4.489	7941910	51.521 ug/ml
3) T A~Naphthalene (C11.7)	6.185	9216615	53.934 ug/ml
4) T n-Dodecane (C12)	6.649	8352105	53.179 ug/ml
5) T A~2-methylnaphthalene...	7.280	8780674	51.089 ug/ml
6) T n-Tetradecane (C14)	8.476	8399474	51.449 ug/ml
7) T n-Hexadecane (C16)	10.082	8324936	50.507 ug/ml
8) T n-Octadecane (C18)	11.526	8471010	49.844 ug/ml
10) T n-Eicosane (C20)	12.834	8240501	48.445 ug/ml
11) T n-Heneicosane (C21)	13.445	8051719	47.044 ug/ml
13) T n-Docosane (C22)	14.032	8304819	48.642 ug/ml
14) T n-Tetracosane (C24)	15.129	17882918	104.908 ug/ml
15) T n-Hexacosane (C26)	16.162	8076649	48.309 ug/ml
16) T n-Octacosane (C28)	17.112	8446789	51.717 ug/ml
17) T n-Tricontane (C30)	18.004	8247279	54.273 ug/ml
18) T n-Dotriacontane (C32)	18.834	8376151	69.645 ug/ml
19) T n-Tetratriacontane (C34)	19.622	8094251	97.197 ug/ml
20) T n-Hexatriacontane (C36)	20.365	7536111	128.346 ug/mlm
21) T n-Octatriacontane (C38)	21.091	8203574	163.621 ug/mlm
22) T n-Tetracontane (C40)	21.981	8326557	161.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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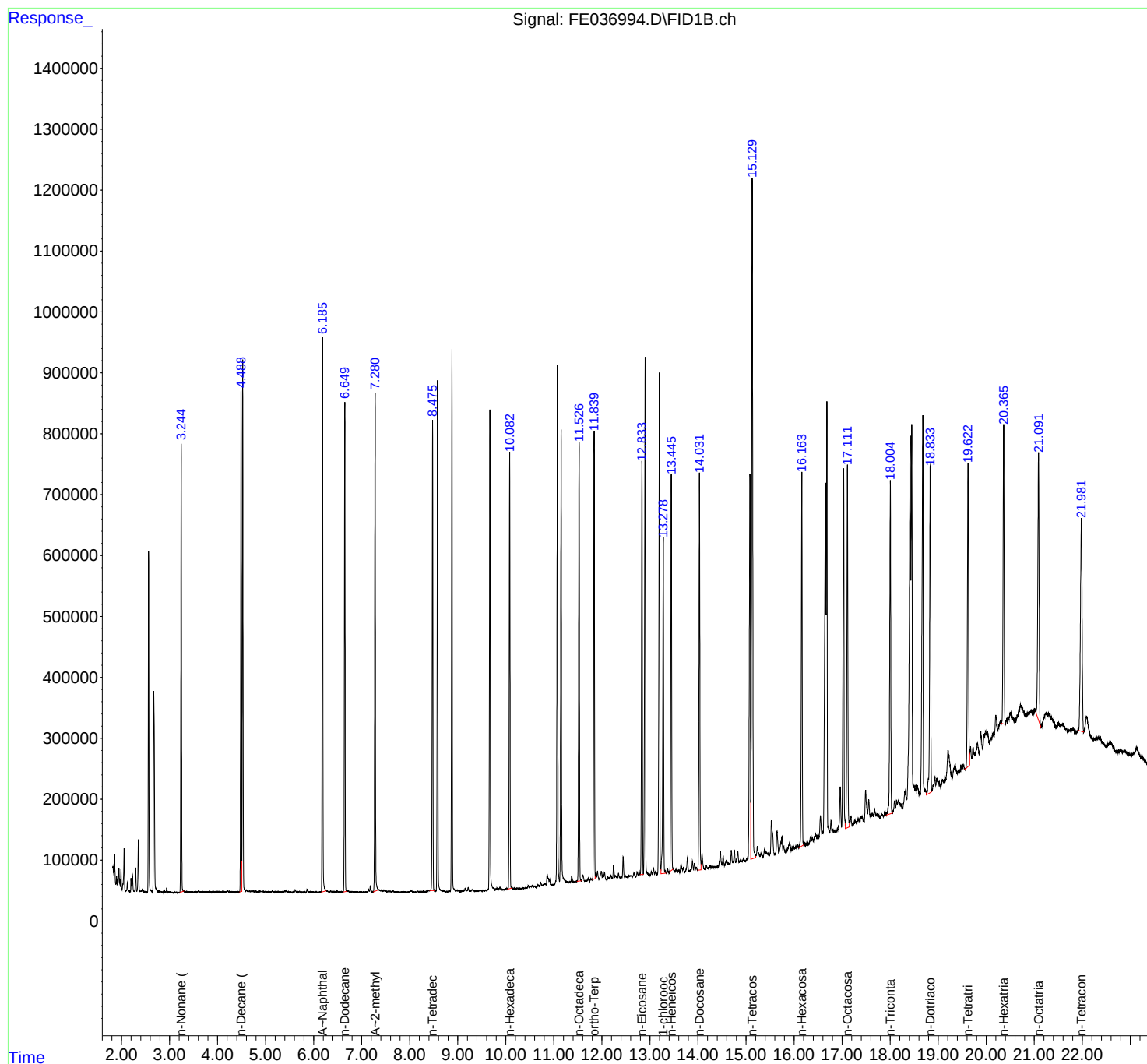
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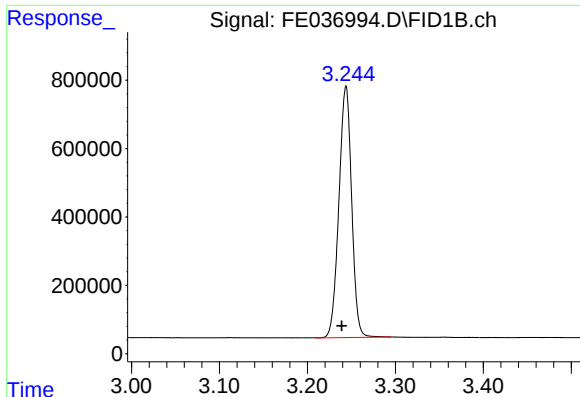
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#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: 0.005 min
Response: 7394180
Conc: 47.97 ug/ml

Instrument :

FID_E

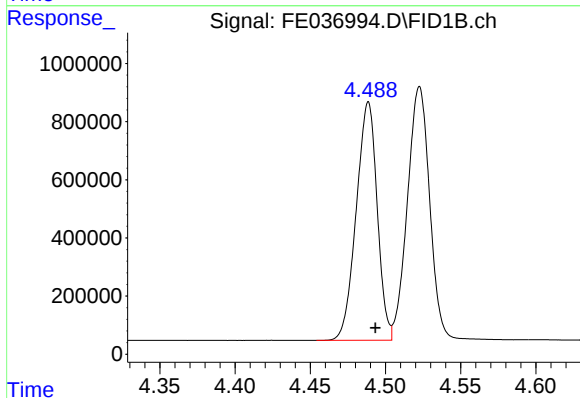
ClientSampleId :

6MSD

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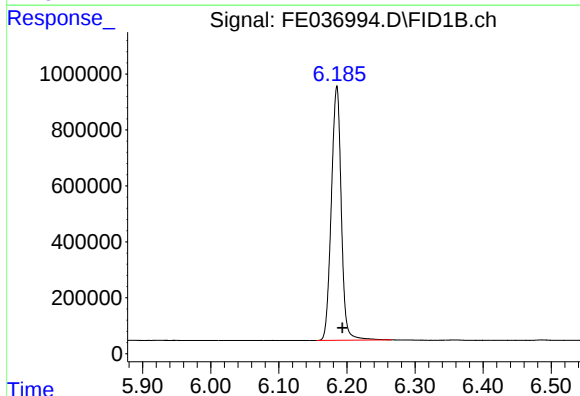
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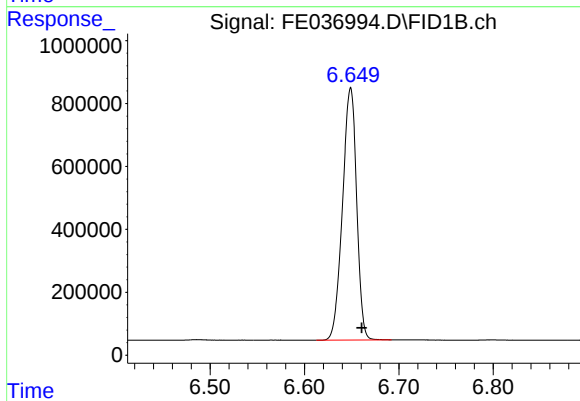
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 7941910
Conc: 51.52 ug/ml



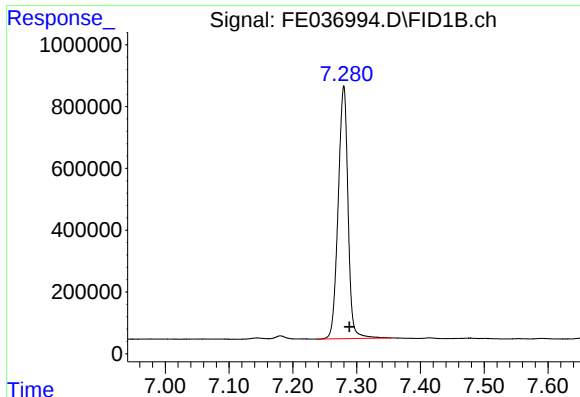
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.008 min
Response: 9216615
Conc: 53.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.012 min
Response: 8352105
Conc: 53.18 ug/ml



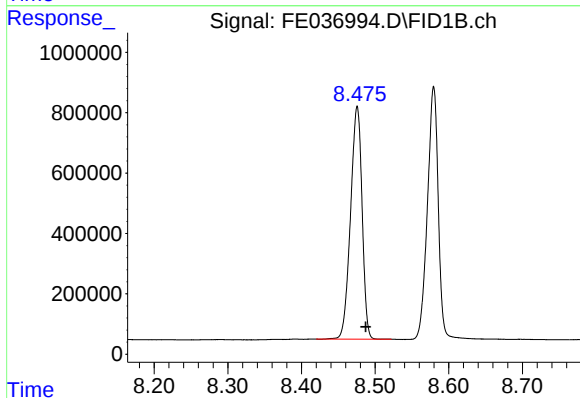
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.280 min
Delta R.T.: -0.008 min
Response: 8780674
Conc: 51.09 ug/ml

Instrument :
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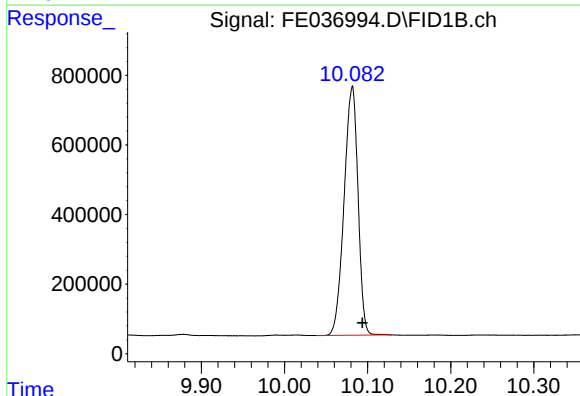
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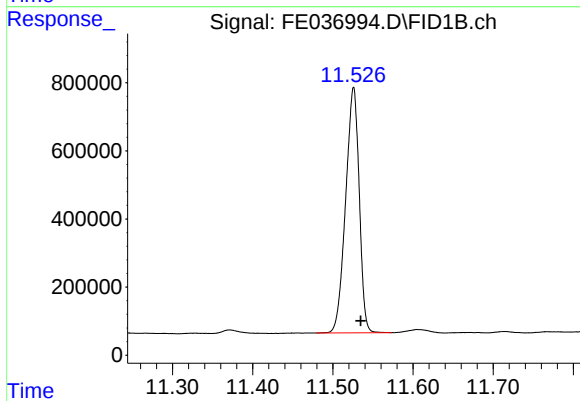
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.012 min
Response: 8399474
Conc: 51.45 ug/ml



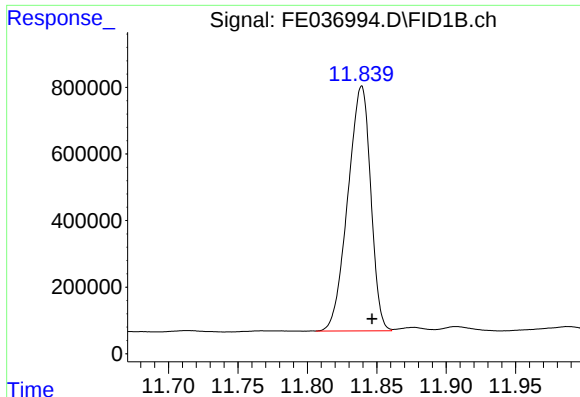
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 8324936
Conc: 50.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 8471010
Conc: 49.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.007 min
Response: 8432018
Conc: 45.27 ug/ml

Instrument :

FID_E

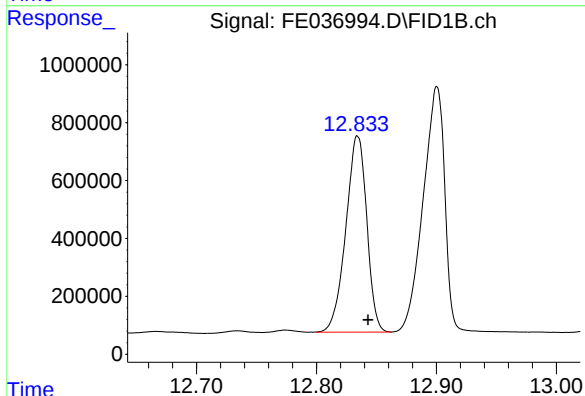
ClientSampleId :

6MSD

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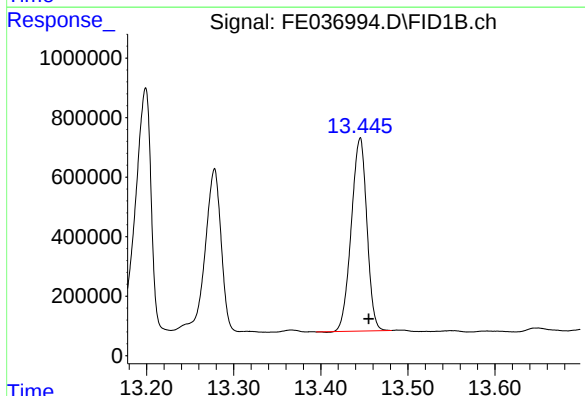
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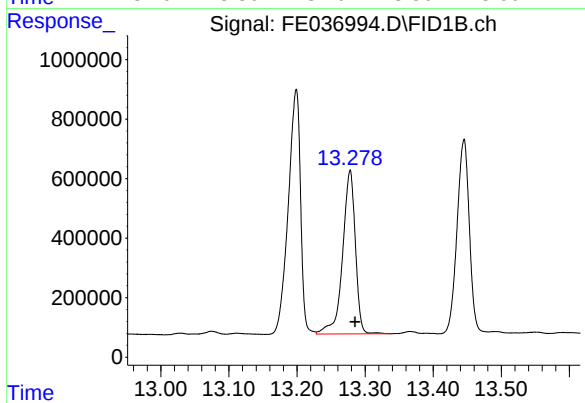
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.009 min
Response: 8240501
Conc: 48.44 ug/ml



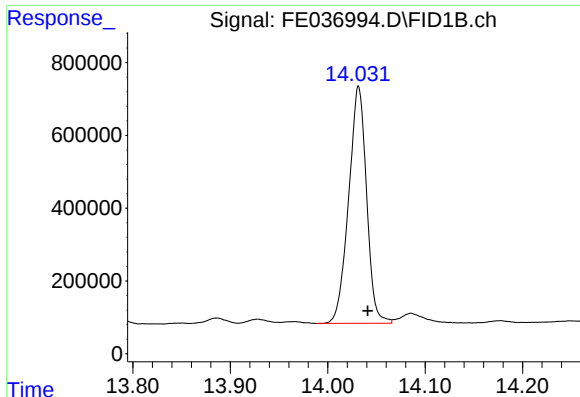
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.010 min
Response: 8051719
Conc: 47.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.007 min
Response: 7183724
Conc: 47.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.009 min
Response: 8304819
Conc: 48.64 ug/ml

Instrument :

FID_E

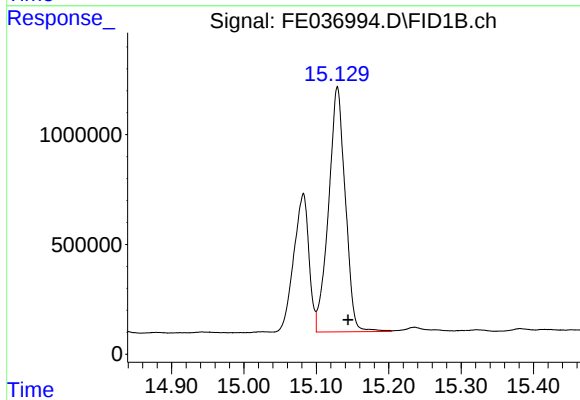
ClientSampleId :

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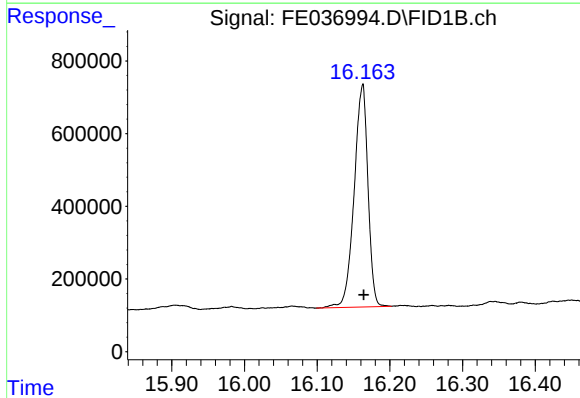
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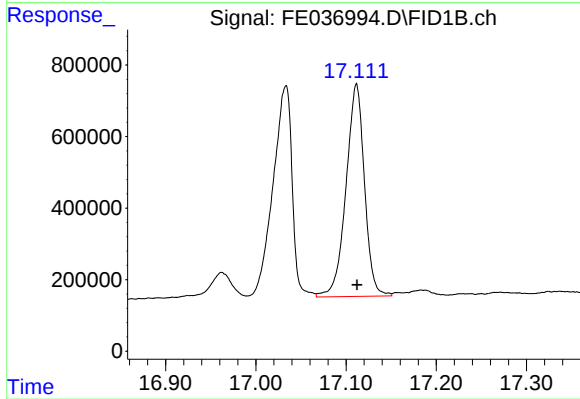
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.015 min
Response: 17882918
Conc: 104.91 ug/ml



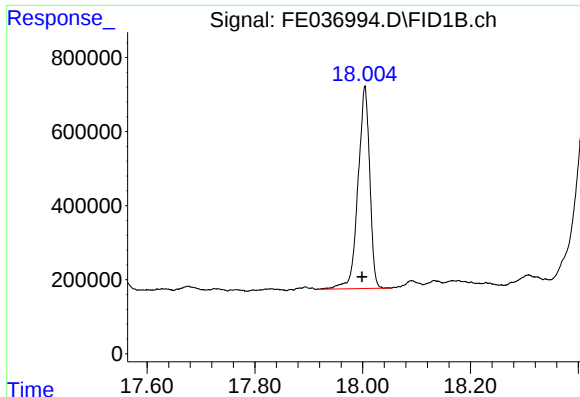
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.002 min
Response: 8076649
Conc: 48.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 8446789
Conc: 51.72 ug/ml



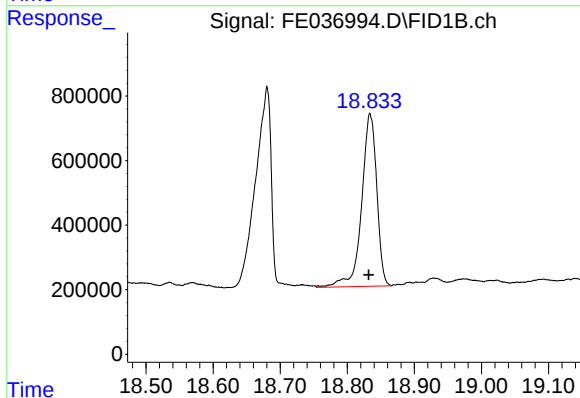
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.005 min
Response: 8247279
Conc: 54.27 ug/ml

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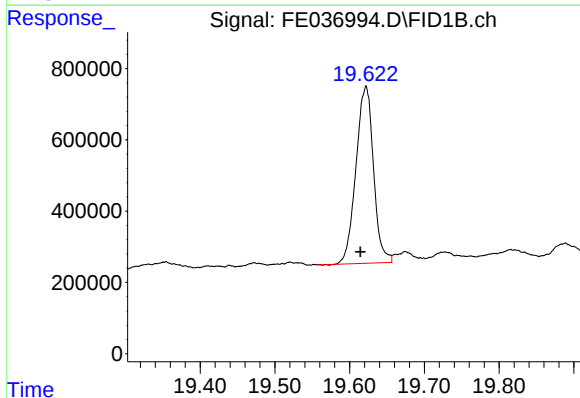
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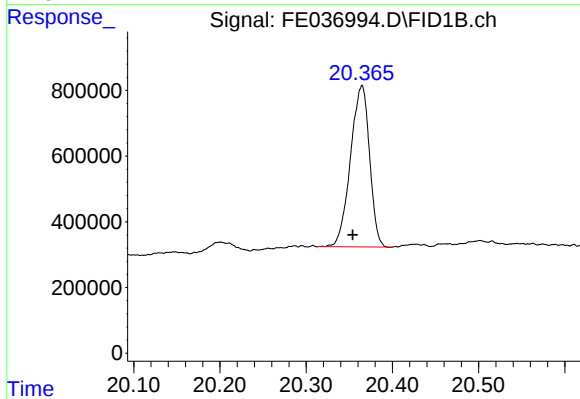
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: 0.002 min
Response: 8376151
Conc: 69.64 ug/ml



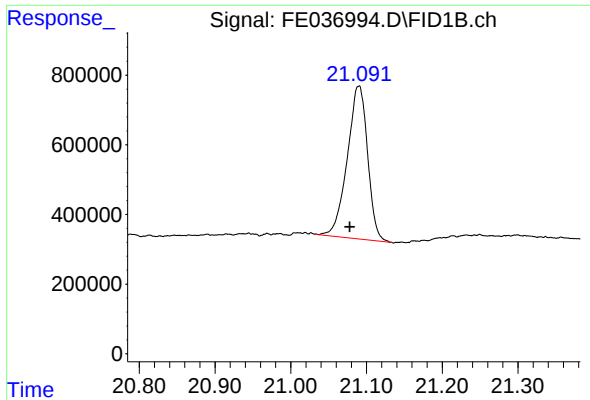
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: 0.007 min
Response: 8094251
Conc: 97.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: 0.011 min
Response: 7536111
Conc: 128.35 ug/ml m



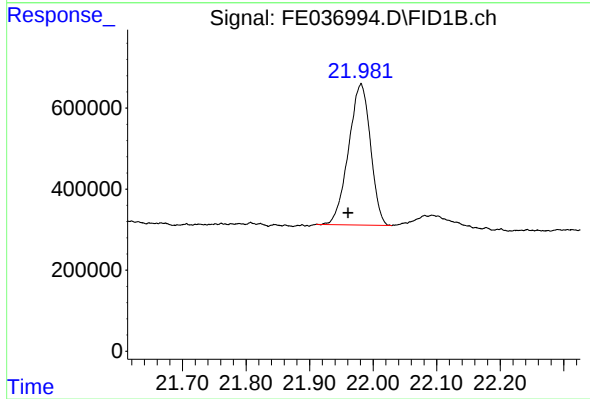
#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: 0.013 min
Response: 8203574
Conc: 163.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: 0.020 min
Response: 8326557
Conc: 161.24 ug/ml