

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037788.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2022 17:10
 Operator : YP\AJ
 Sample : PB147891BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147891BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 01:30:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.622	6256738	37.024 ug/ml
Spiked Amount 50.000		Recovery =	74.05%
12) S 1-chlorooctadecane (S...	13.044	5070396	39.397 ug/ml
Spiked Amount 50.000		Recovery =	78.79%
Target Compounds			
1) T n-Nonane (C9)	3.020	4869637	31.826 ug/mlm
2) T n-Decane (C10)	4.315	5353913	34.726 ug/ml
3) T A~Naphthalene (C11.7)	5.987	5722236	39.718 ug/ml
4) T n-Dodecane (C12)	6.445	6048608	38.250 ug/ml
5) T A~2-methylnaphthalene...	7.081	5808366	41.603 ug/ml
6) T n-Tetradecane (C14)	9.865	6311045	39.829 ug/ml
7) T n-Hexadecane (C16)	9.865	6311045	39.829 ug/ml
8) T n-Octadecane (C18)	11.299	6329809	39.749 ug/ml
10) T n-Eicosane (C20)	12.603	6053977	38.263 ug/ml
11) T n-Heneicosane (C21)	13.211	5944638	37.698 ug/ml
13) T n-Docosane (C22)	13.794	5824426	37.415 ug/ml
14) T n-Tetracosane (C24)	14.893	11217107	74.580 ug/ml
15) T n-Hexacosane (C26)	15.908	5482581	37.862 ug/ml
16) T n-Octacosane (C28)	16.852	5898634	42.578 ug/ml
17) T n-Tricontane (C30)	17.736	5341734	39.268 ug/ml
18) T n-Dotriacontane (C32)	18.563	5616777	42.063 ug/ml
19) T n-Tetratriacontane (C34)	19.344	5512102	43.564 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5488444	42.674 ug/ml
21) T n-Octatriacontane (C38)	20.778	5686362	45.688 ug/mlm
22) T n-Tetracontane (C40)	21.553	5809054	45.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 26 Sep 2022 17:10
Operator : YP\AJ
Sample : PB147891BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

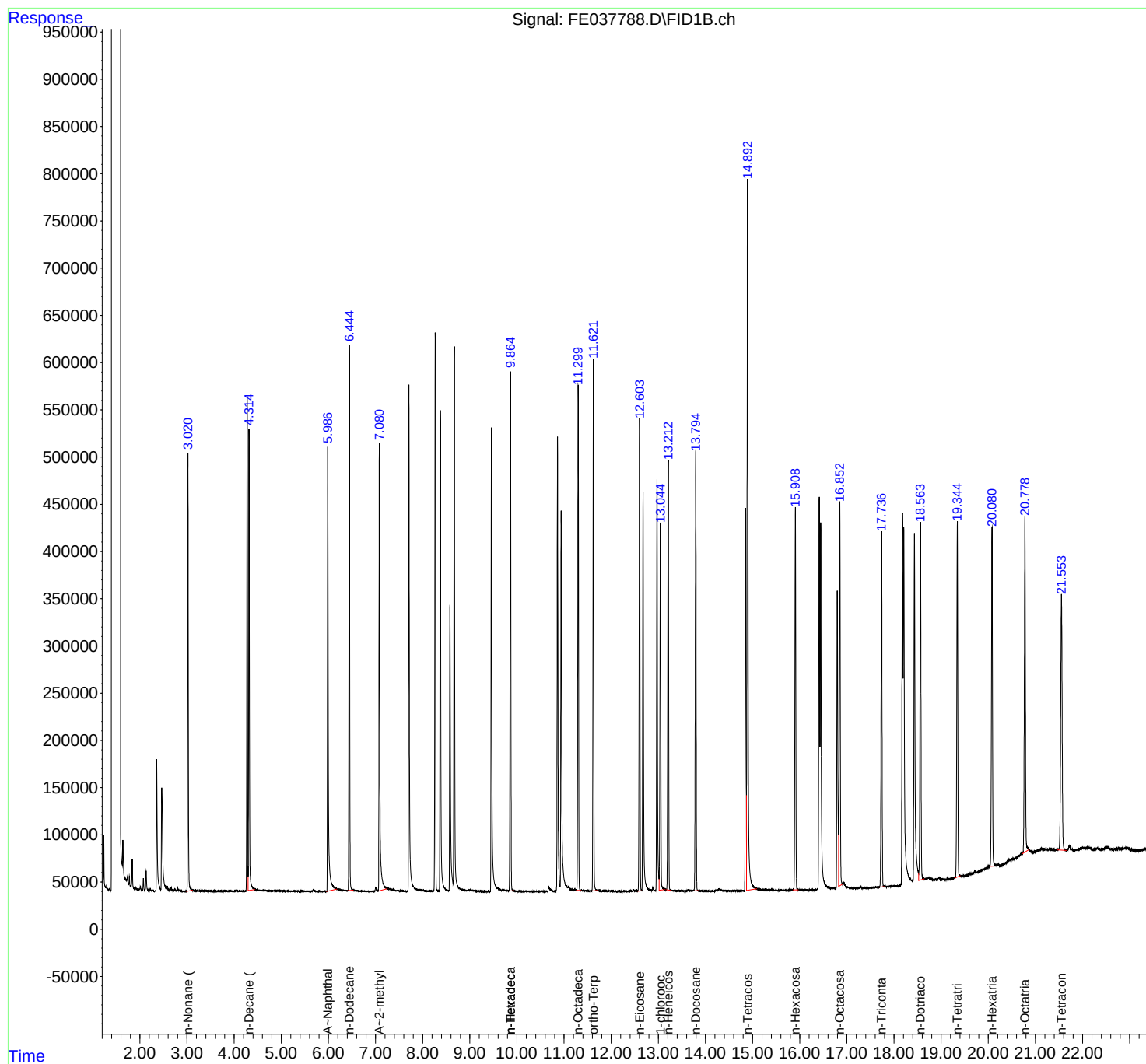
Instrument :
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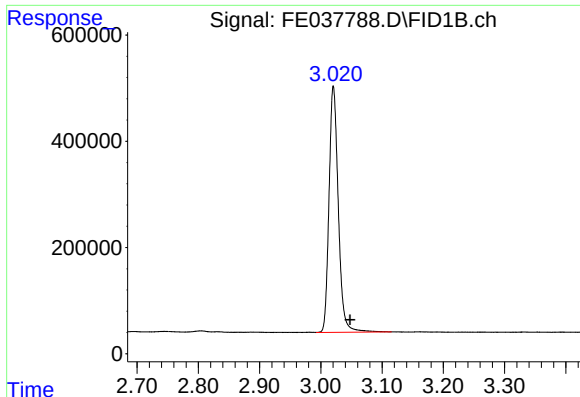
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.020 min
Delta R.T.: -0.028 min
Response: 4869637
Conc: 31.83 ug/ml

Instrument :

FID_E

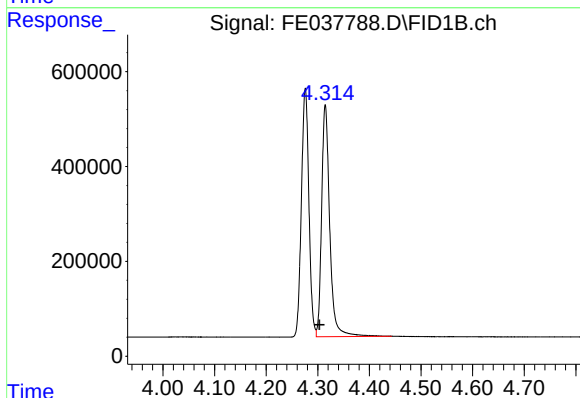
ClientSampleId :

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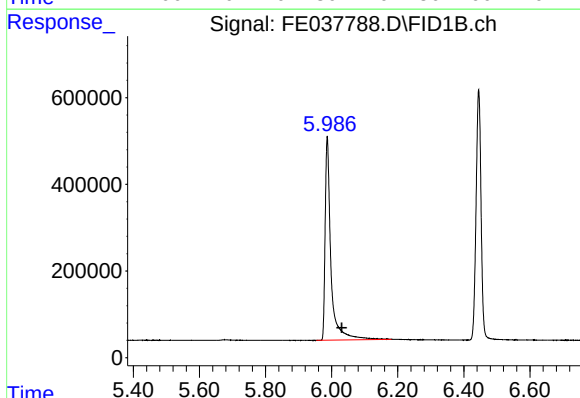
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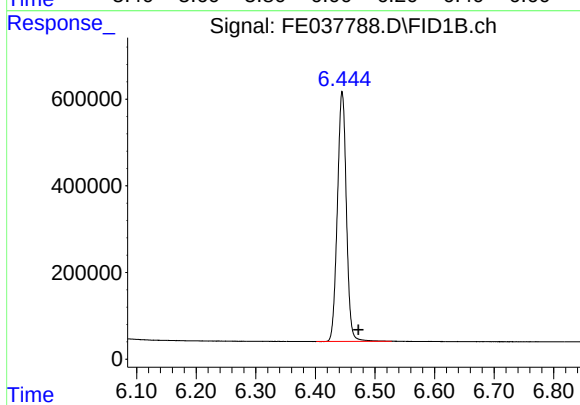
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: 0.011 min
Response: 5353913
Conc: 34.73 ug/ml



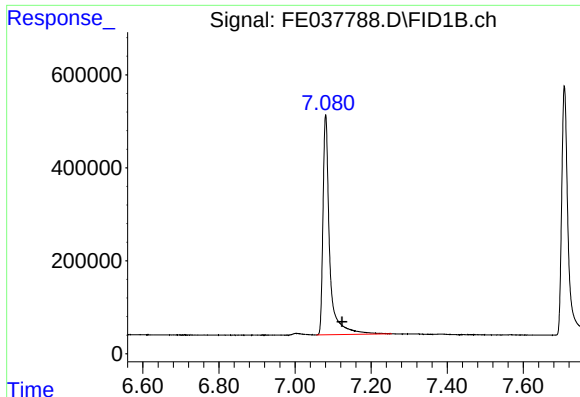
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.044 min
Response: 5722236
Conc: 39.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: -0.027 min
Response: 6048608
Conc: 38.25 ug/ml



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

R.T.: 7.081 min
Delta R.T.: -0.043 min
Response: 5808366
Conc: 41.60 ug/ml

Instrument :

FID_E

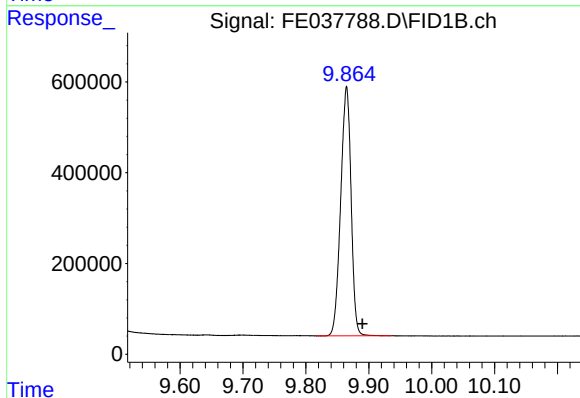
ClientSampleId :

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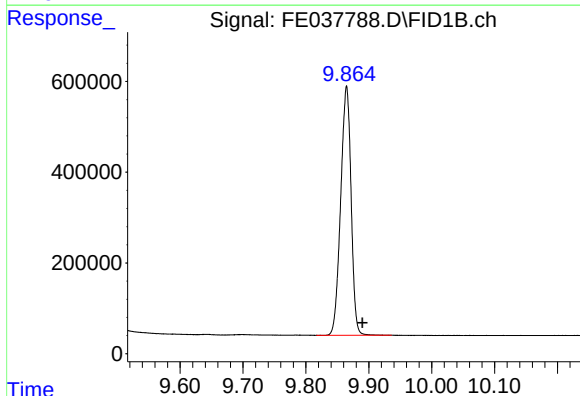
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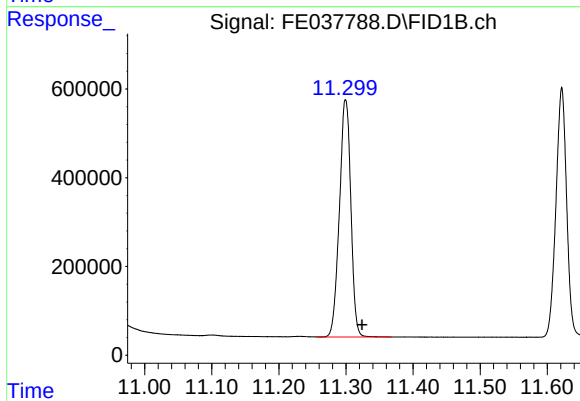
#6 n-Tetradecane (C14)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 6311045
Conc: 39.83 ug/ml



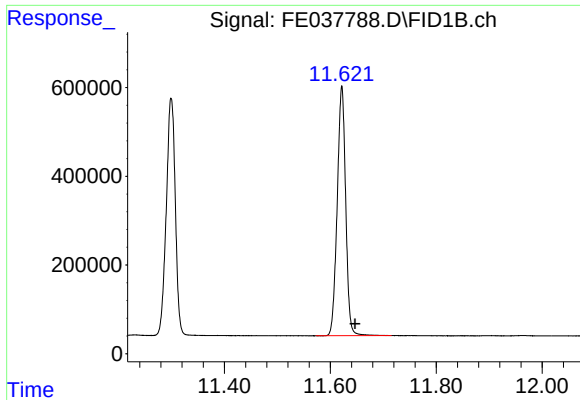
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 6311045
Conc: 39.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.025 min
Response: 6329809
Conc: 39.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.025 min
Response: 6256738
Conc: 37.02 ug/ml

Instrument :

FID_E

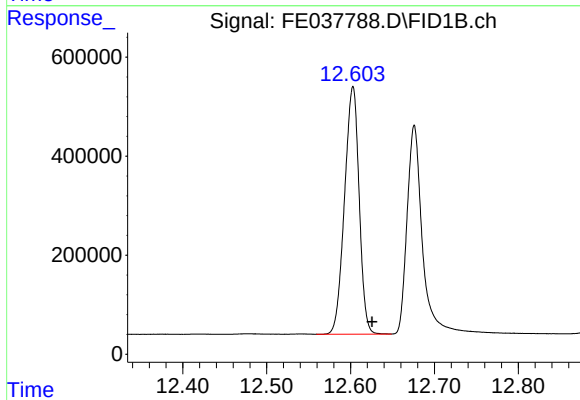
ClientSampleId :

PB147891BSD

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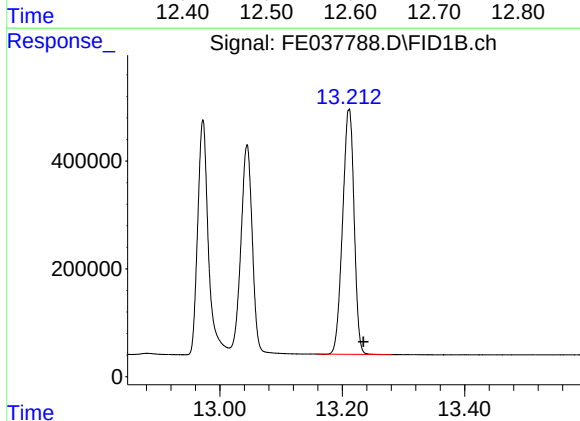
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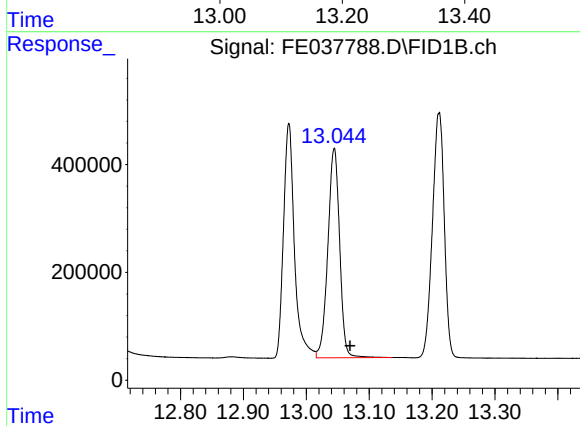
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.023 min
Response: 6053977
Conc: 38.26 ug/ml



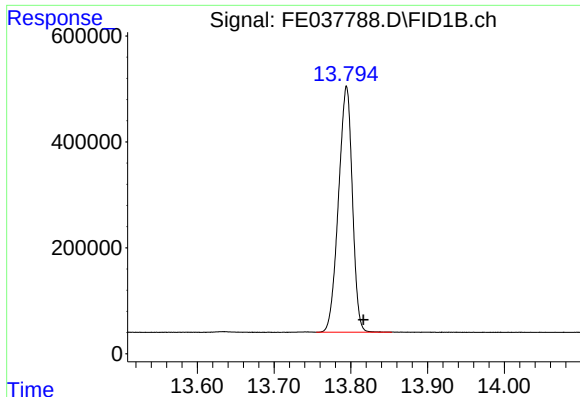
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.024 min
Response: 5944638
Conc: 37.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min
Delta R.T.: -0.025 min
Response: 5070396
Conc: 39.40 ug/ml



#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.022 min
Response: 5824426
Conc: 37.42 ug/ml

Instrument :

FID_E

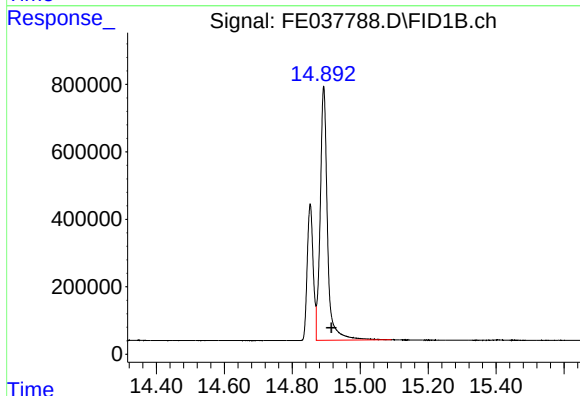
ClientSampleId :

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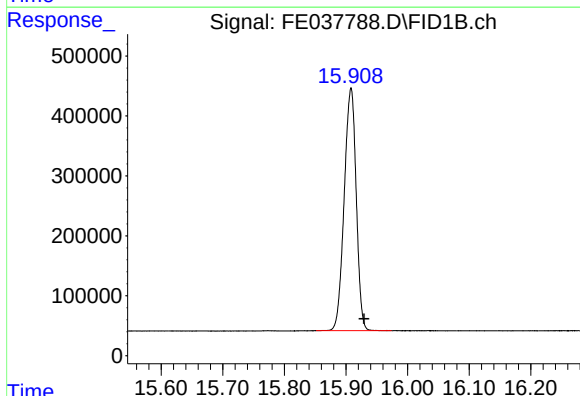
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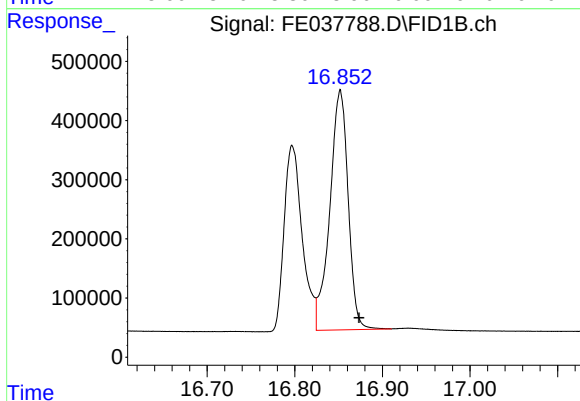
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.022 min
Response: 11217107
Conc: 74.58 ug/ml



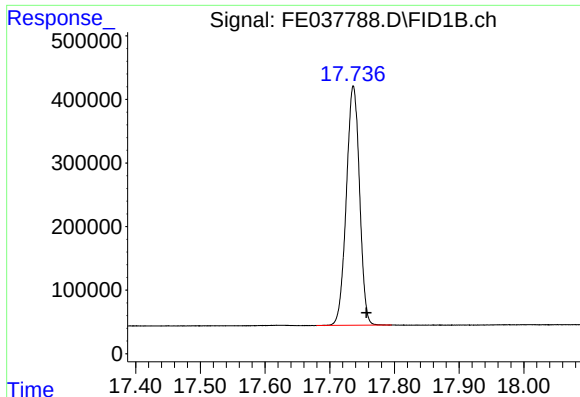
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.021 min
Response: 5482581
Conc: 37.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: -0.022 min
Response: 5898634
Conc: 42.58 ug/ml



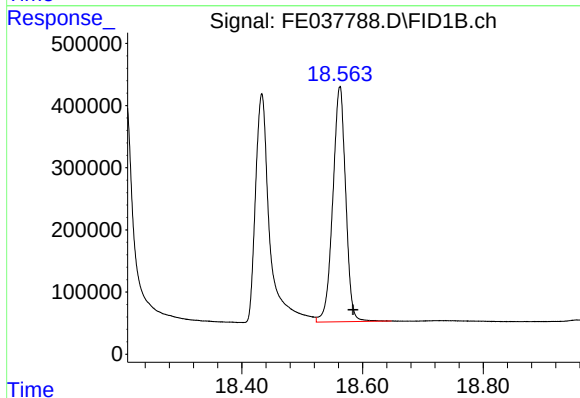
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.020 min
Response: 5341734
Conc: 39.27 ug/ml

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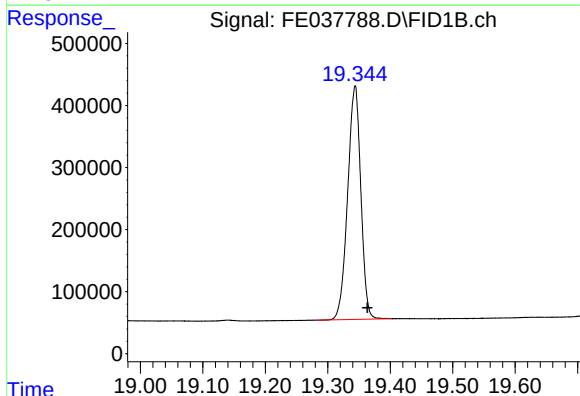
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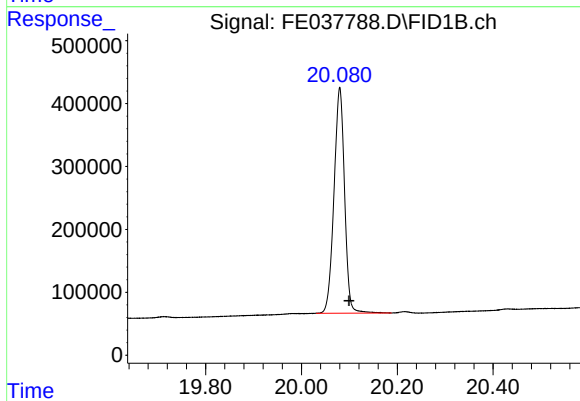
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.022 min
Response: 5616777
Conc: 42.06 ug/ml



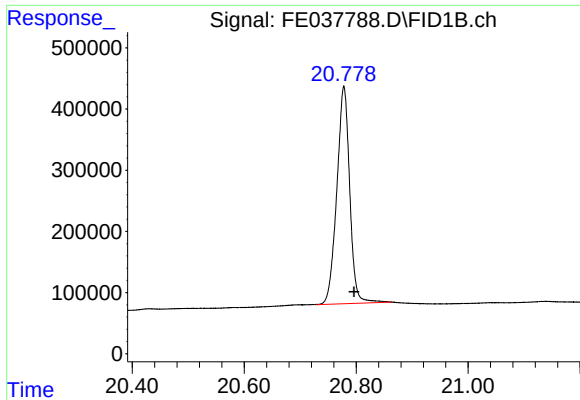
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.019 min
Response: 5512102
Conc: 43.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.019 min
Response: 5488444
Conc: 42.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.019 min
Response: 5686362
Conc: 45.69 ug/ml

Instrument :

FID_E

ClientSampleId :

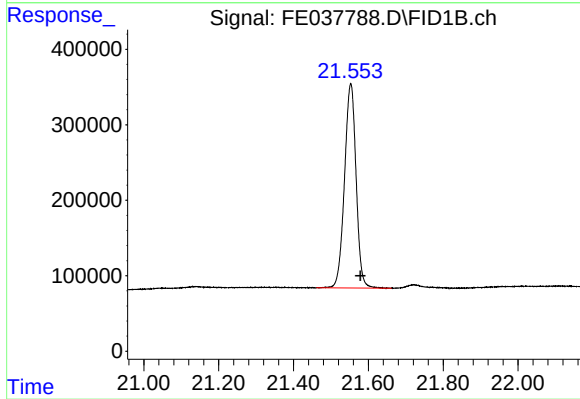
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#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: -0.025 min
Response: 5809054
Conc: 45.06 ug/ml