

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037787.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2022 16:38
 Operator : YP\AJ
 Sample : PB147891BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147891BS

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 01:29:42 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	6421209	37.997 ug/ml
Spiked Amount 50.000		Recovery =	75.99%
12) S 1-chlorooctadecane (S...	13.044	5205143	40.444 ug/ml
Spiked Amount 50.000		Recovery =	80.89%
Target Compounds			
1) T n-Nonane (C9)	3.020	4929379	32.217 ug/mlm
2) T n-Decane (C10)	4.314	5448445	35.339 ug/ml
3) T A~Naphthalene (C11.7)	5.987	5812428	40.344 ug/ml
4) T n-Dodecane (C12)	6.445	6144970	38.860 ug/ml
5) T A~2-methylnaphthalene...	7.080	5952667	42.637 ug/ml
6) T n-Tetradecane (C14)	9.865	6435434	40.614 ug/ml
7) T n-Hexadecane (C16)	9.865	6435434	40.614 ug/ml
8) T n-Octadecane (C18)	11.300	6474294	40.657 ug/ml
10) T n-Eicosane (C20)	12.603	6197907	39.172 ug/ml
11) T n-Heneicosane (C21)	13.211	6100229	38.685 ug/ml
13) T n-Docosane (C22)	13.794	5982925	38.433 ug/ml
14) T n-Tetracosane (C24)	14.893	11507374	76.510 ug/ml
15) T n-Hexacosane (C26)	15.909	5635398	38.918 ug/ml
16) T n-Octacosane (C28)	16.852	6044130	43.628 ug/ml
17) T n-Tricontane (C30)	17.737	5488576	40.348 ug/ml
18) T n-Dotriacontane (C32)	18.563	5739616	42.983 ug/ml
19) T n-Tetratriacontane (C34)	19.345	5657412	44.713 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5534755	43.034 ug/ml
21) T n-Octatriacontane (C38)	20.777	5691602	45.730 ug/ml
22) T n-Tetracontane (C40)	21.553	5992349	46.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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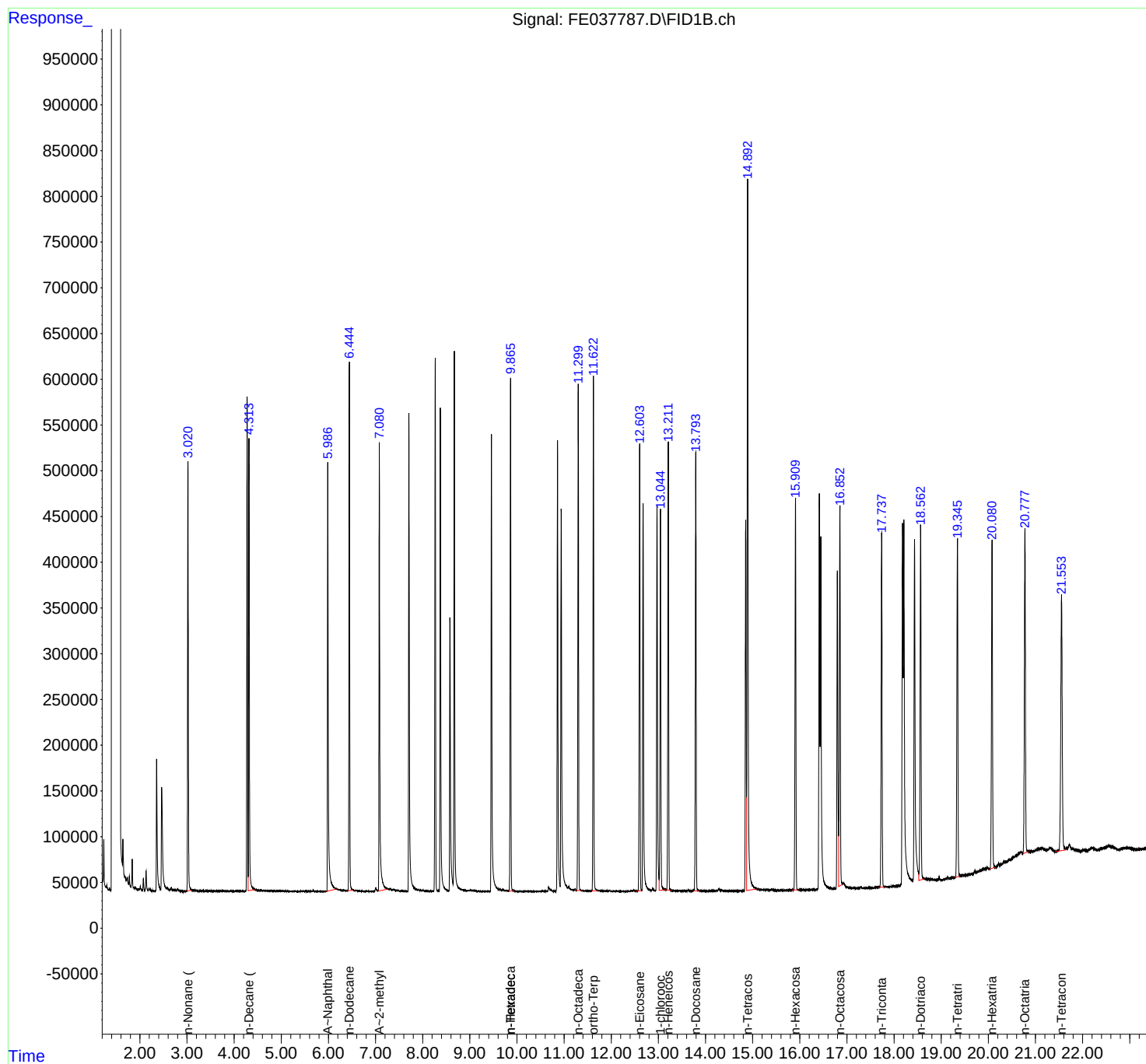
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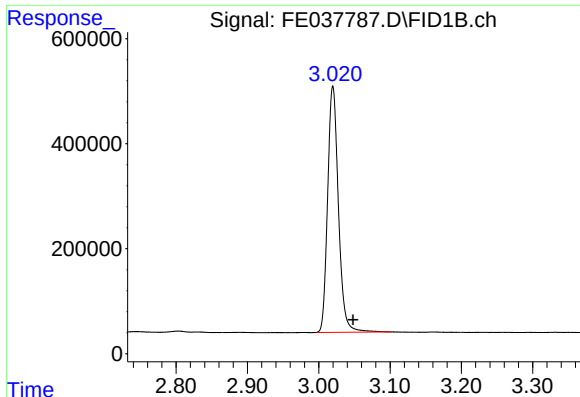
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#1 n-Nonane (C9)

R.T.: 3.020 min
Delta R.T.: -0.028 min
Response: 4929379
Conc: 32.22 ug/ml

Instrument :

FID_E

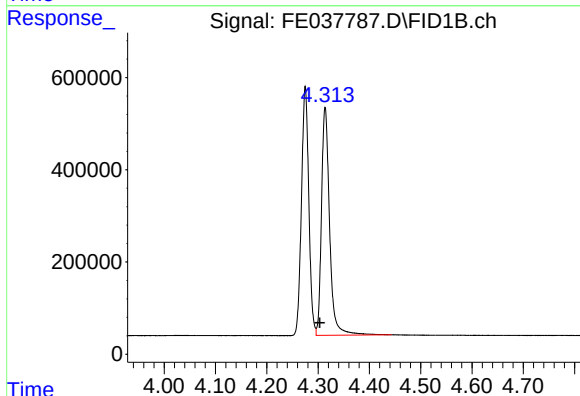
ClientSampleId :

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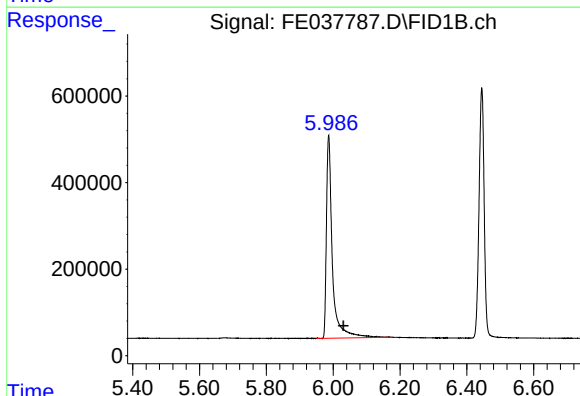
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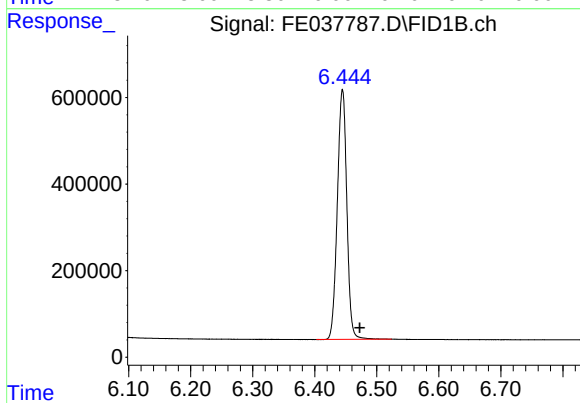
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.011 min
Response: 5448445
Conc: 35.34 ug/ml



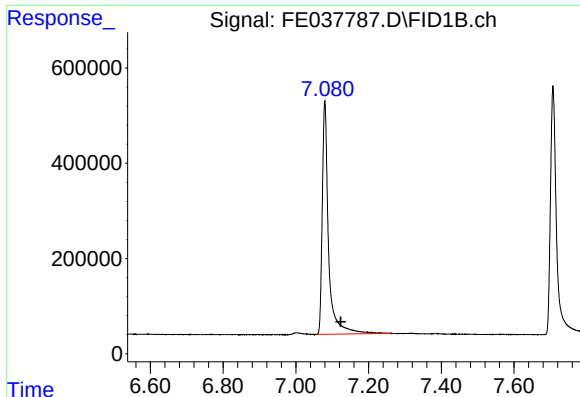
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.044 min
Response: 5812428
Conc: 40.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: -0.028 min
Response: 6144970
Conc: 38.86 ug/ml



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

R.T.: 7.080 min
Delta R.T.: -0.043 min
Response: 5952667
Conc: 42.64 ug/ml

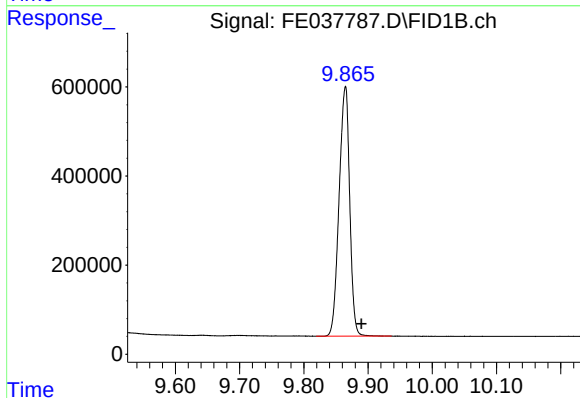
Instrument :

FID_E

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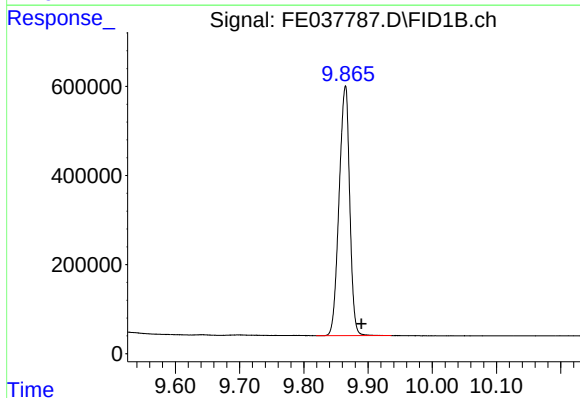
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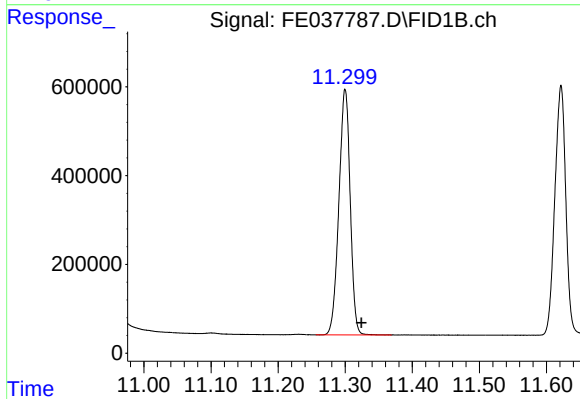
#6 n-Tetradecane (C14)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 6435434
Conc: 40.61 ug/ml



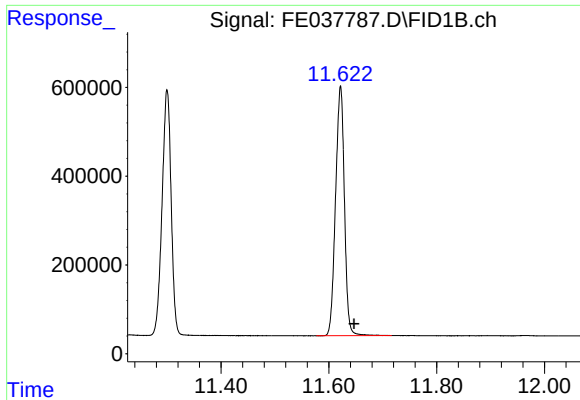
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 6435434
Conc: 40.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.024 min
Response: 6474294
Conc: 40.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.025 min
Response: 6421209
Conc: 38.00 ug/ml

Instrument :

FID_E

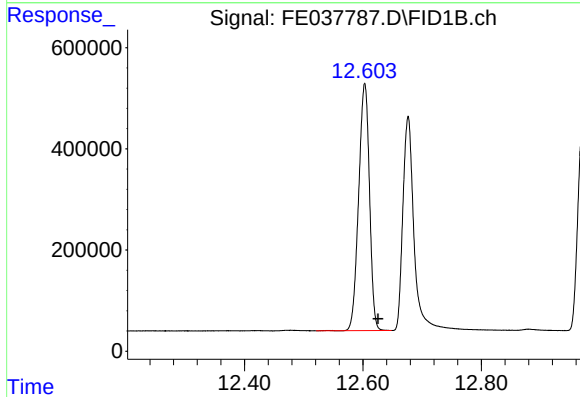
ClientSampleId :

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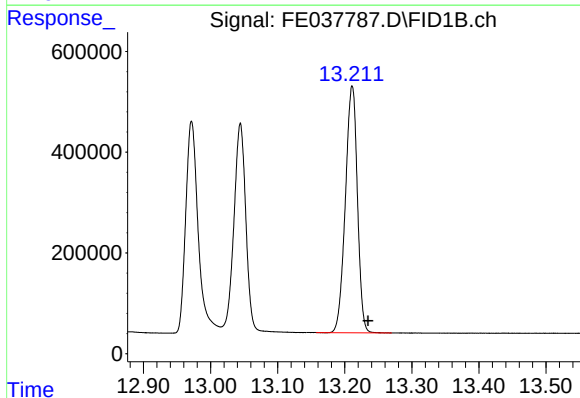
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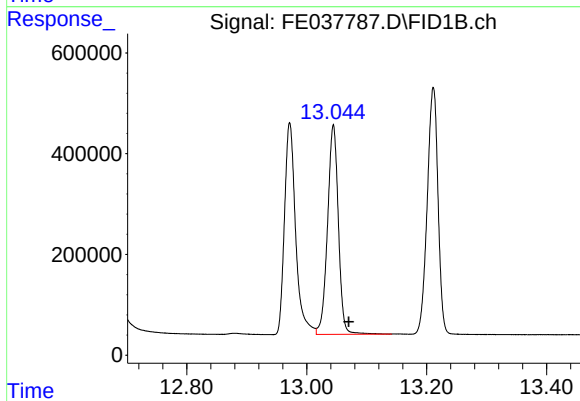
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.022 min
Response: 6197907
Conc: 39.17 ug/ml



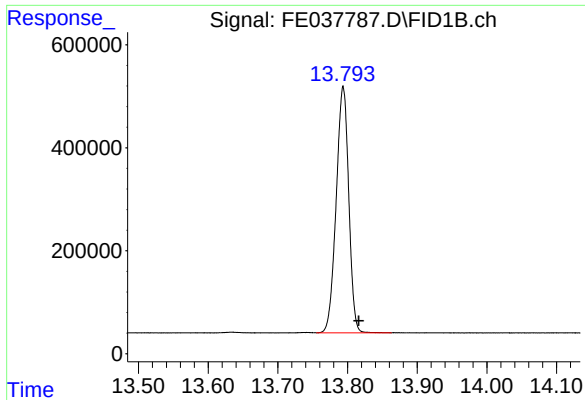
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.024 min
Response: 6100229
Conc: 38.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min
Delta R.T.: -0.025 min
Response: 5205143
Conc: 40.44 ug/ml



#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.023 min
Response: 5982925
Conc: 38.43 ug/ml

Instrument :

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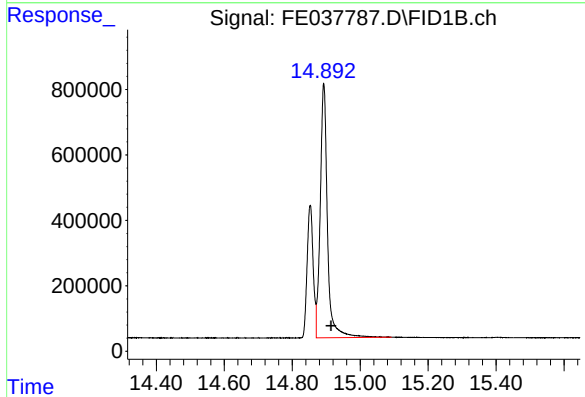
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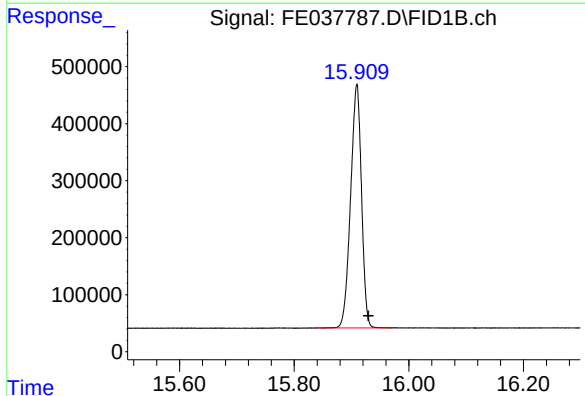
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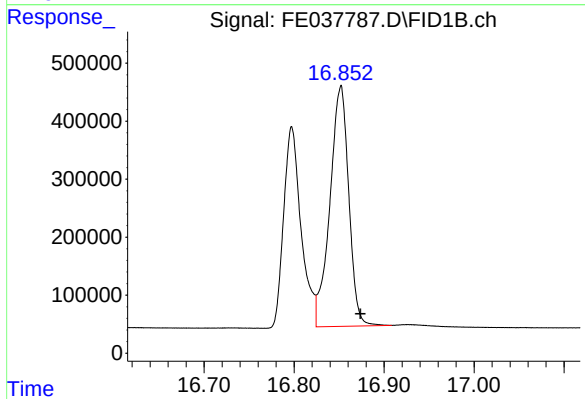
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.022 min
Response: 11507374
Conc: 76.51 ug/ml



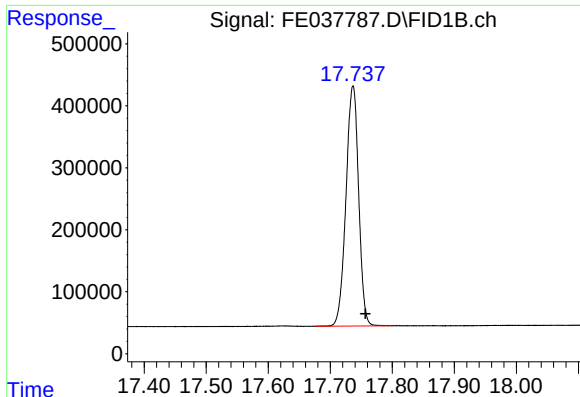
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.020 min
Response: 5635398
Conc: 38.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: -0.022 min
Response: 6044130
Conc: 43.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: -0.020 min
Response: 5488576
Conc: 40.35 ug/ml

Instrument :

FID_E

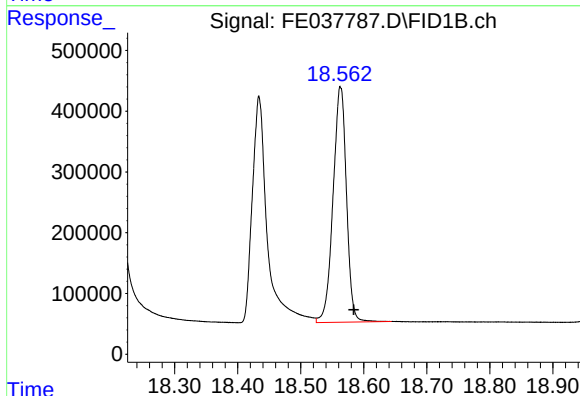
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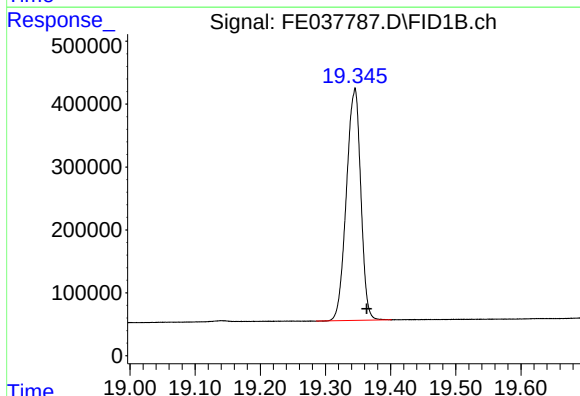
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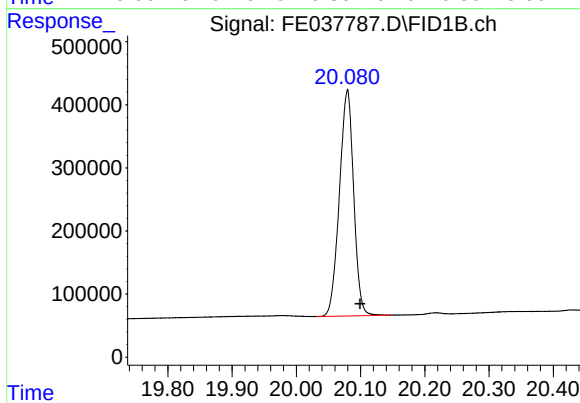
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.021 min
Response: 5739616
Conc: 42.98 ug/ml



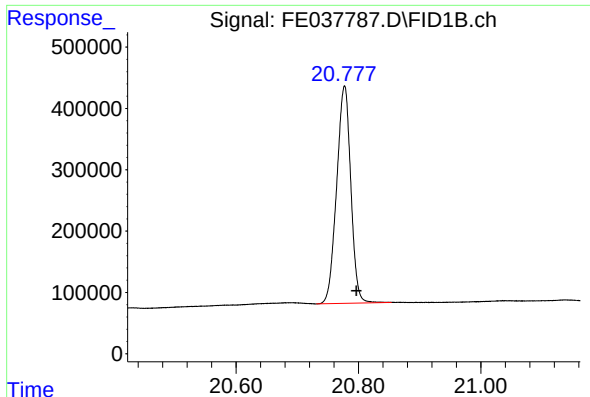
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 5657412
Conc: 44.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.020 min
Response: 5534755
Conc: 43.03 ug/ml



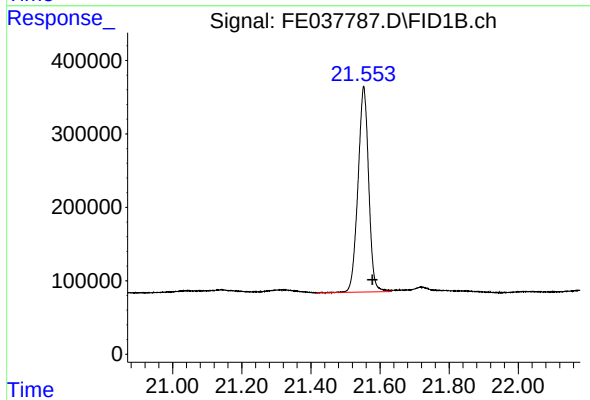
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.019 min
Response: 5691602
Conc: 45.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: -0.025 min
Response: 5992349
Conc: 46.48 ug/ml