

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122222AL\
 Data File : FE039437.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2022 15:27
 Operator : YP\AJ
 Sample : PB149848BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149848BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2022
 Supervised By :Ankita Jodhani 12/23/2022

Integration File: autoint1.e
 Quant Time: Dec 22 17:46:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.935	7331434	49.127 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
12) S 1-chlorooctadecane (S...	13.369	5818341	50.551 ug/ml
Spiked Amount 50.000		Recovery =	101.10%
Target Compounds			
1) T n-Nonane (C9)	3.333	4832269	37.385 ug/ml
2) T n-Decane (C10)	4.580	5114270	40.137 ug/ml
3) T A~Naphthalene (C11.7)	6.279	5859202	40.532 ug/ml
4) T n-Dodecane (C12)	6.740	5622283	43.307 ug/ml
5) T A~2-methylnaphthalene...	7.374	6024259	44.482 ug/ml
6) T n-Tetradecane (C14)	8.568	6343406	47.871 ug/ml
7) T n-Hexadecane (C16)	10.173	7066559	51.366 ug/ml
8) T n-Octadecane (C18)	11.617	7560197	53.978 ug/ml
10) T n-Eicosane (C20)	12.926	7455736	54.618 ug/ml
11) T n-Heneicosane (C21)	13.537	7415950	54.373 ug/mlm
13) T n-Docosane (C22)	14.124	7333342	54.211 ug/ml
14) T n-Tetracosane (C24)	15.223	4377170	32.607 ug/mlm
15) T n-Hexacosane (C26)	16.248	6951195	53.385 ug/ml
16) T n-Octacosane (C28)	17.196	6859078	53.294 ug/ml
17) T n-Tricontane (C30)	18.084	6567661	51.011 ug/mlm
18) T n-Dotriacontane (C32)	18.915	6470341	49.964 ug/ml
19) T n-Tetratriacontane (C34)	19.700	6108992	48.422 ug/ml
20) T n-Hexatriacontane (C36)	20.439	5000962	41.359 ug/ml
21) T n-Octatriacontane (C38)	21.174	4118738	33.351 ug/ml
22) T n-Tetracontane (C40)	22.085	3641315	28.995 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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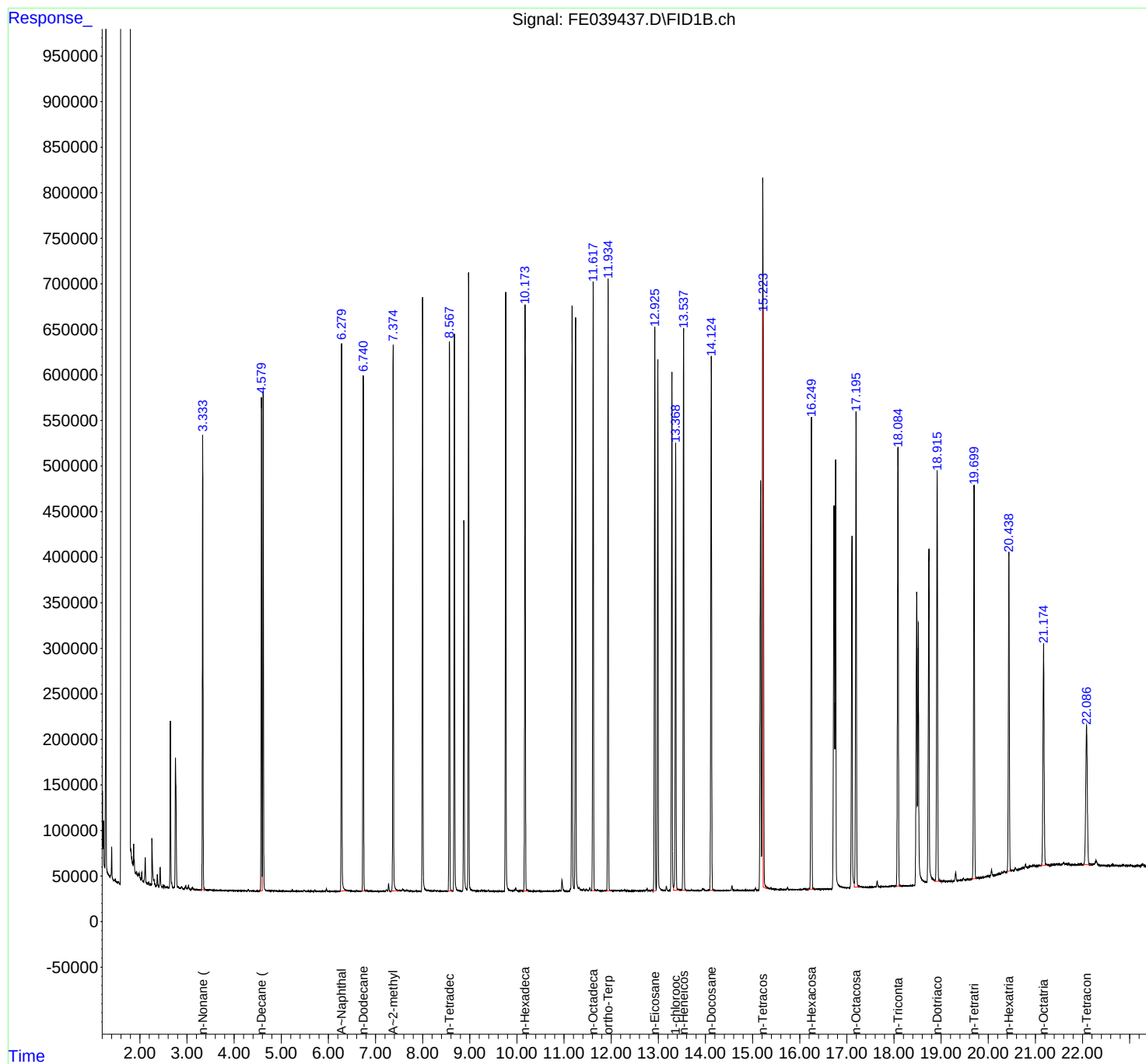
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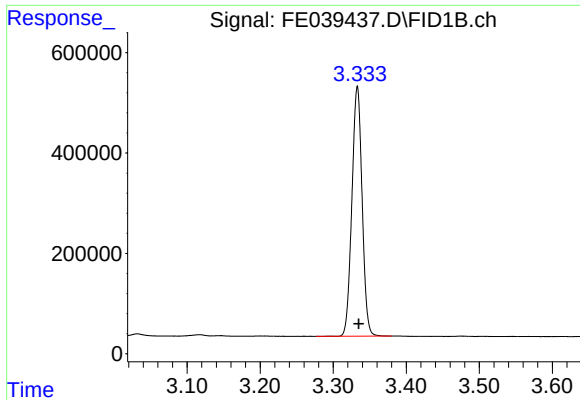
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#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 4832269
Conc: 37.38 ug/ml

Instrument :

FID_E

ClientSampleId :

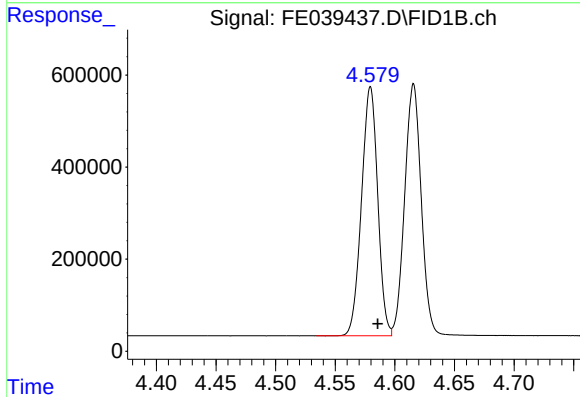
PB149848BS

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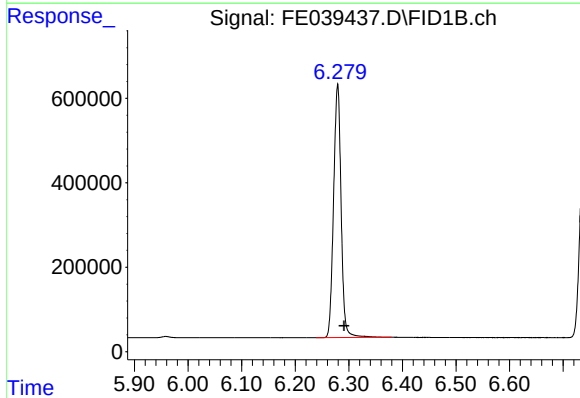
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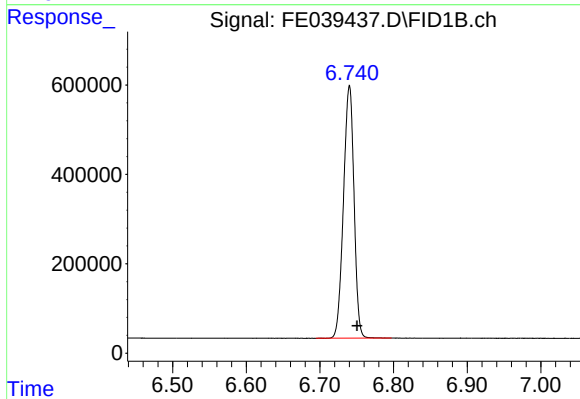
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 5114270
Conc: 40.14 ug/ml



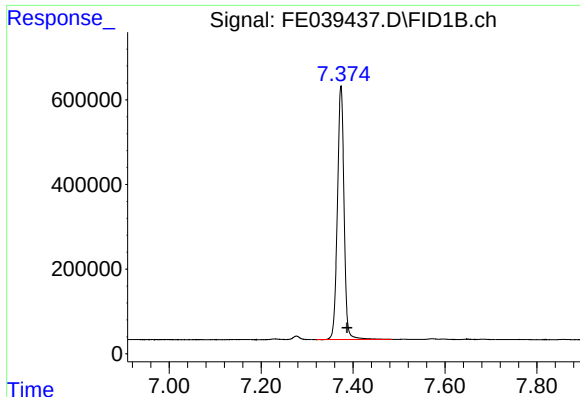
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.012 min
Response: 5859202
Conc: 40.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.010 min
Response: 5622283
Conc: 43.31 ug/ml



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

R.T.: 7.374 min
Delta R.T.: -0.013 min
Response: 6024259
Conc: 44.48 ug/ml

Instrument :

FID_E

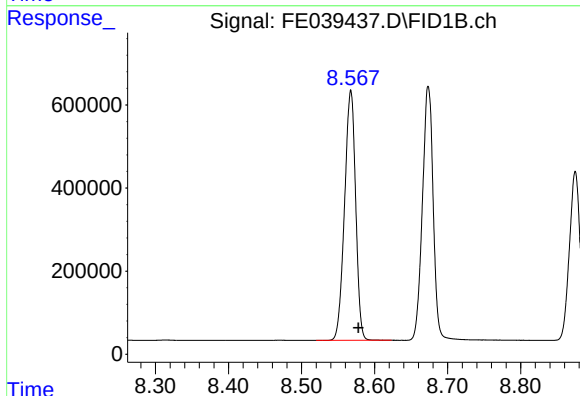
ClientSampleId :

PB149848BS

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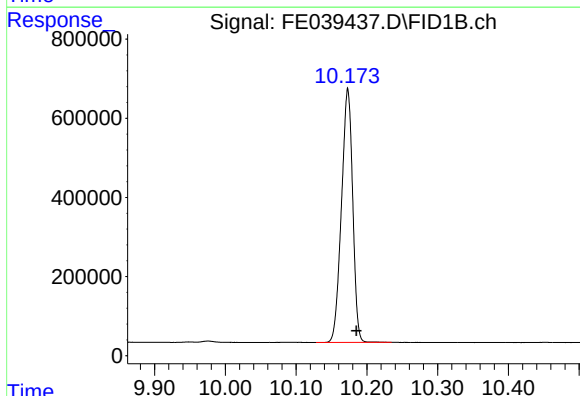
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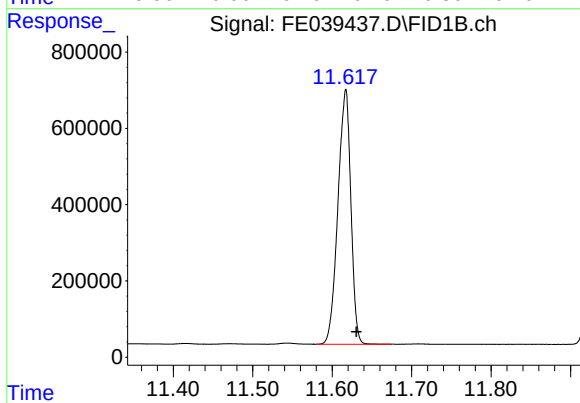
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.010 min
Response: 6343406
Conc: 47.87 ug/ml



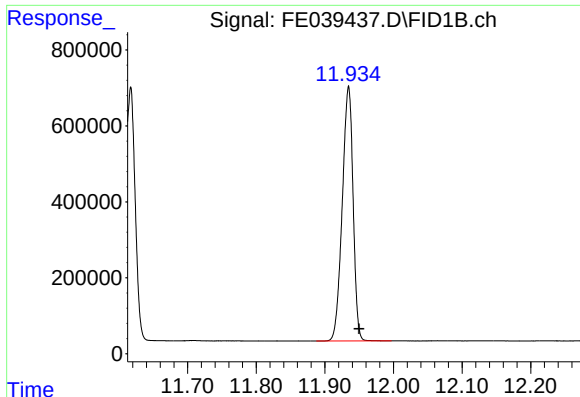
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 7066559
Conc: 51.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: -0.013 min
Response: 7560197
Conc: 53.98 ug/ml



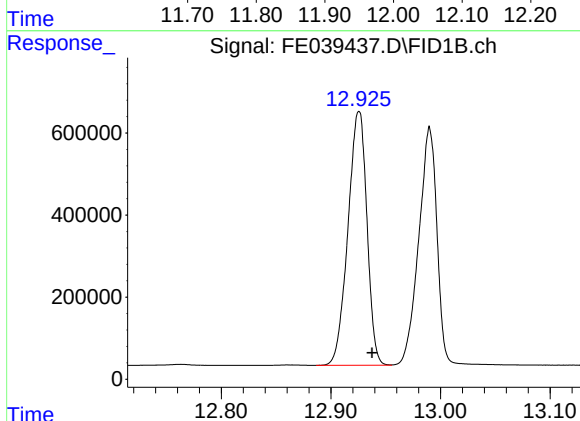
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.015 min
Response: 7331434
Conc: 49.13 ug/ml

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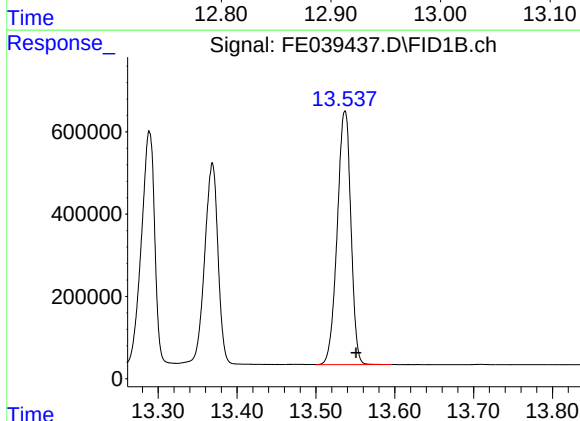
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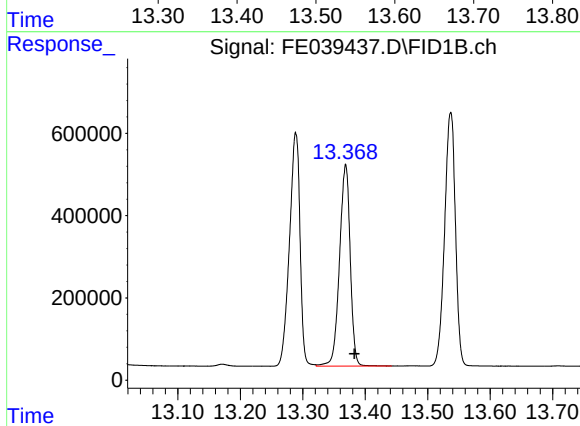
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.012 min
Response: 7455736
Conc: 54.62 ug/ml



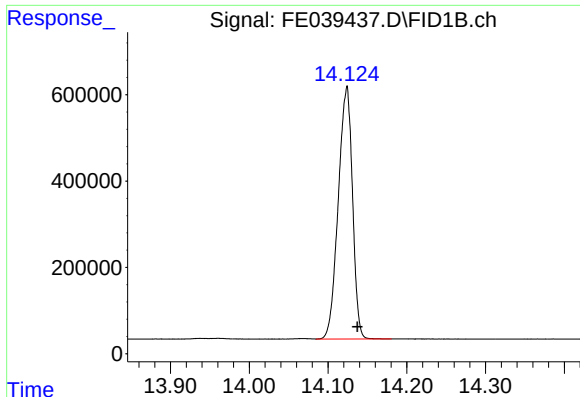
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.014 min
Response: 7415950
Conc: 54.37 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 5818341
Conc: 50.55 ug/ml



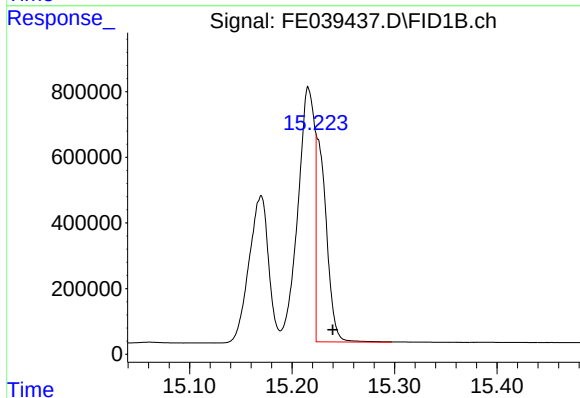
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.013 min
Response: 7333342
Conc: 54.21 ug/ml

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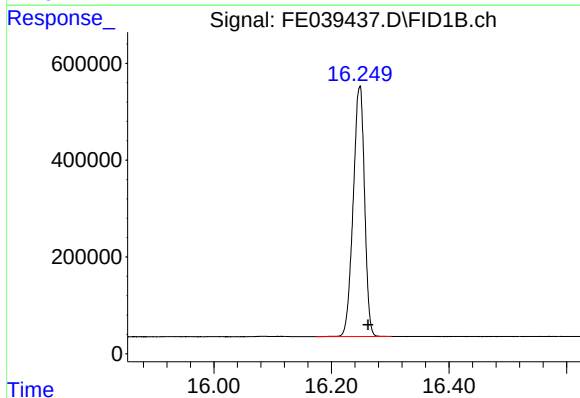
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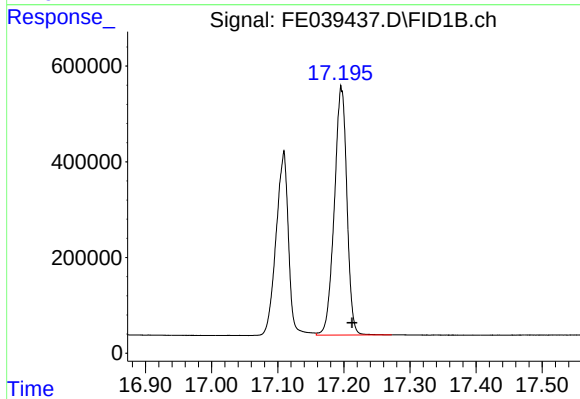
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.016 min
Response: 4377170
Conc: 32.61 ug/ml m



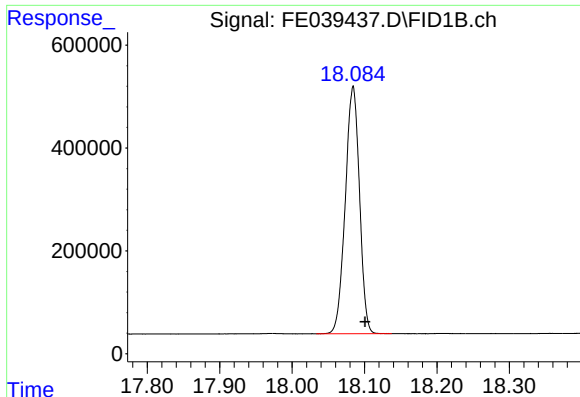
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 6951195
Conc: 53.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 6859078
Conc: 53.29 ug/ml



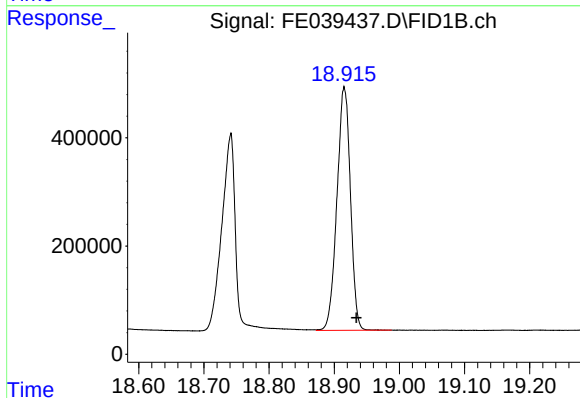
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.017 min
Response: 6567661
Conc: 51.01 ug/ml

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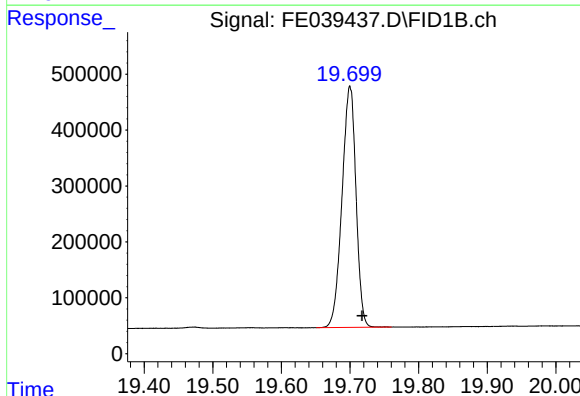
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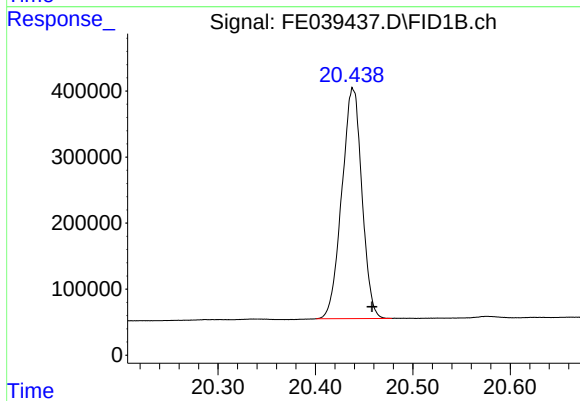
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.019 min
Response: 6470341
Conc: 49.96 ug/ml



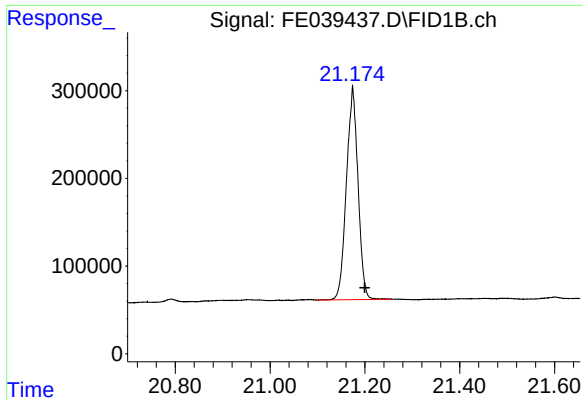
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.018 min
Response: 6108992
Conc: 48.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.020 min
Response: 5000962
Conc: 41.36 ug/ml



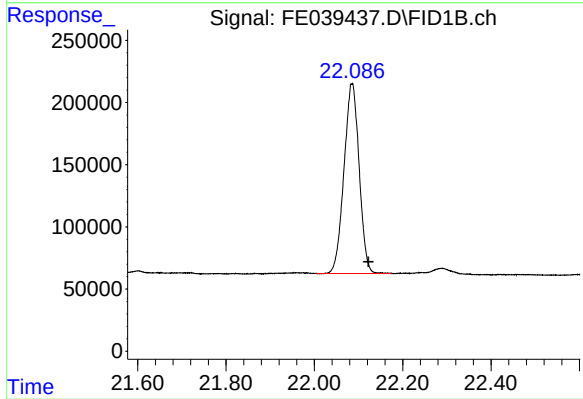
#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.025 min
Response: 4118738
Conc: 33.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: -0.037 min
Response: 3641315
Conc: 29.00 ug/ml