

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039480.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2022 10:34
 Operator : YP\AJ
 Sample : PB149873BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149873BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 02:16:33 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			
12) S 1-chlorooctadecane (S...	13.367	4252721	36.948 ug/ml
Spiked Amount 50.000		Recovery =	73.90%
Target Compounds			
1) T n-Nonane (C9)	3.325	2383114	18.437 ug/ml
2) T n-Decane (C10)	4.575	3205566	25.157 ug/ml
4) T n-Dodecane (C12)	6.738	4151900	31.981 ug/ml
6) T n-Tetradecane (C14)	8.564	4455432	33.623 ug/ml
7) T n-Hexadecane (C16)	10.171	5018213	36.477 ug/ml
8) T n-Octadecane (C18)	11.613	5563441	39.721 ug/ml
10) T n-Eicosane (C20)	12.922	5537745	40.568 ug/ml
11) T n-Heneicosane (C21)	13.535	5485812	40.221 ug/ml
13) T n-Docosane (C22)	14.121	5538727	40.944 ug/ml
14) T n-Tetracosane (C24)	15.223	5818031	43.341 ug/ml
15) T n-Hexacosane (C26)	16.244	5350952	41.095 ug/ml
16) T n-Octacosane (C28)	17.194	5136678	39.911 ug/ml
17) T n-Tricontane (C30)	18.080	5002426	38.854 ug/mlm
18) T n-Dotriacontane (C32)	18.914	4942317	38.164 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4728707	37.481 ug/ml
20) T n-Hexatriacontane (C36)	20.439	4218247	34.885 ug/ml
21) T n-Octatriacontane (C38)	21.174	3854906	31.214 ug/ml
22) T n-Tetracontane (C40)	22.088	3454970	27.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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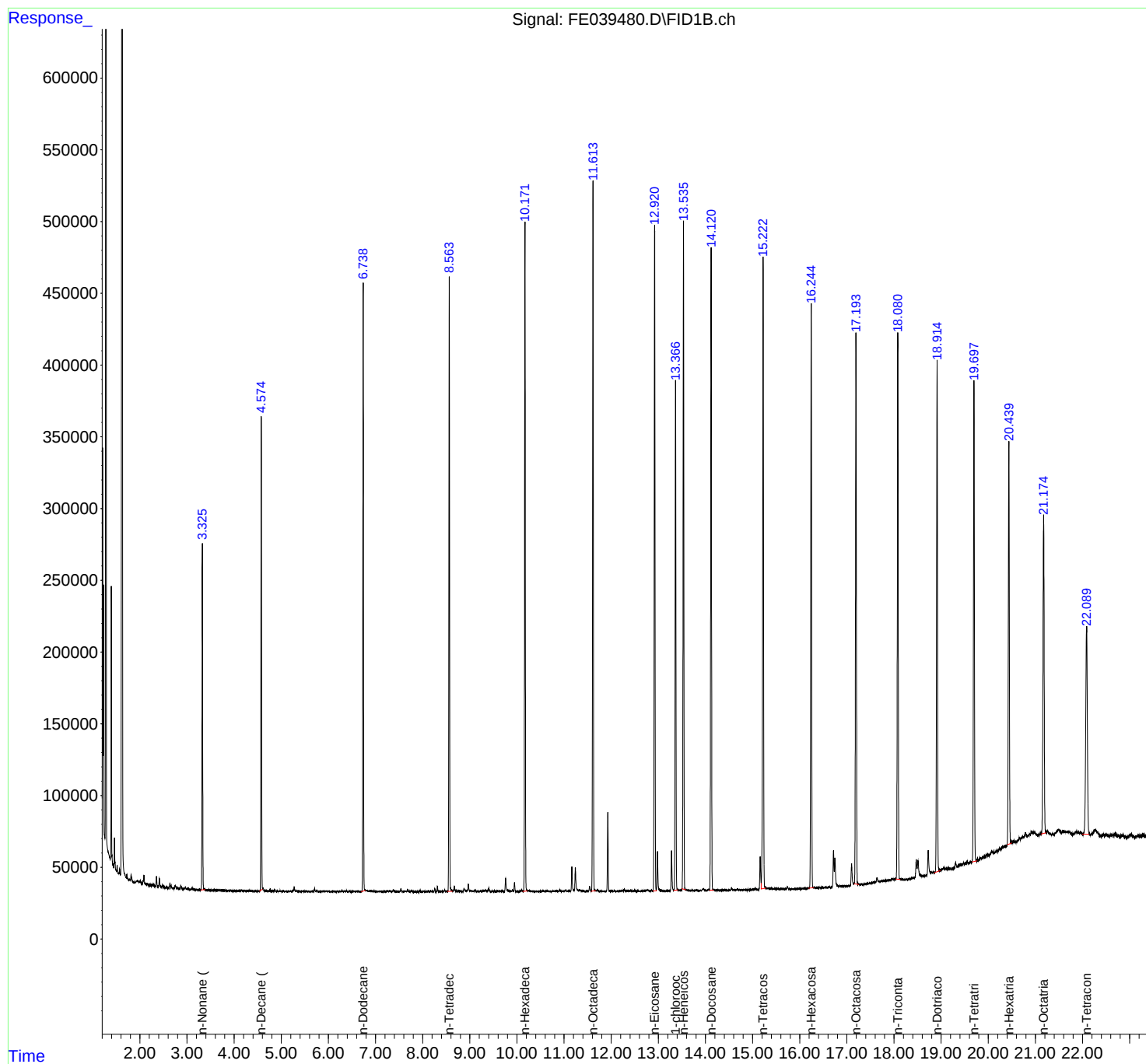
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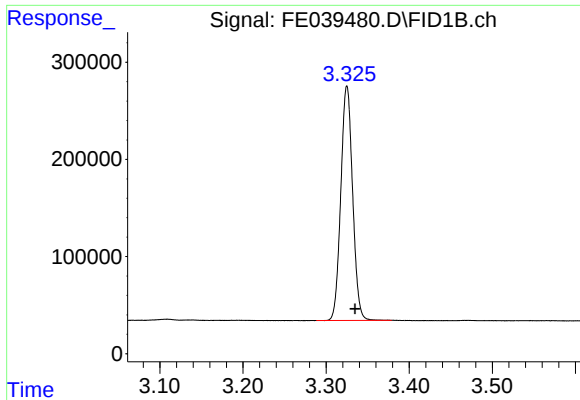
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2383114
Conc: 18.44 ug/ml

Instrument :

FID_E

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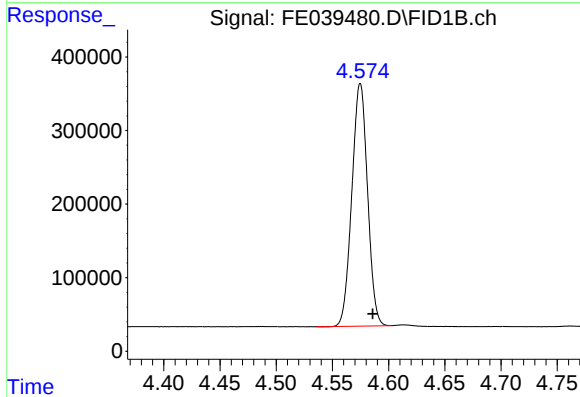
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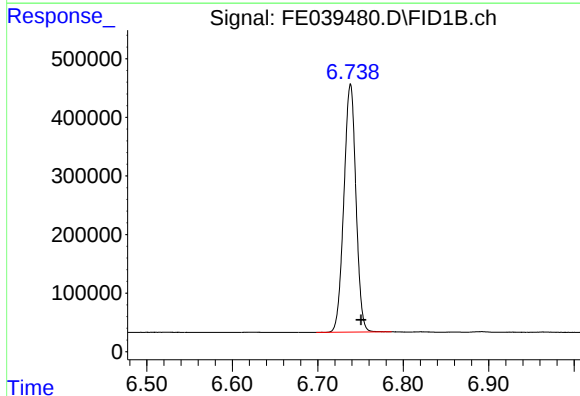
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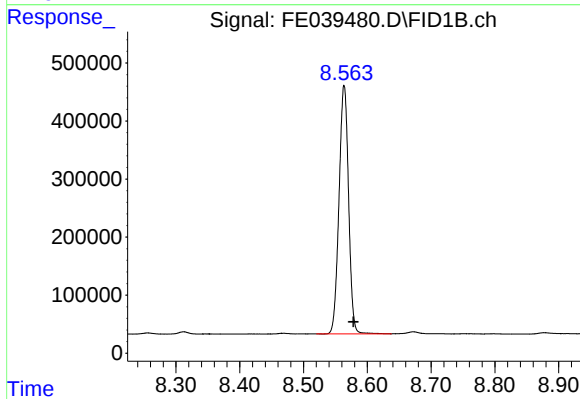
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.011 min
Response: 3205566
Conc: 25.16 ug/ml



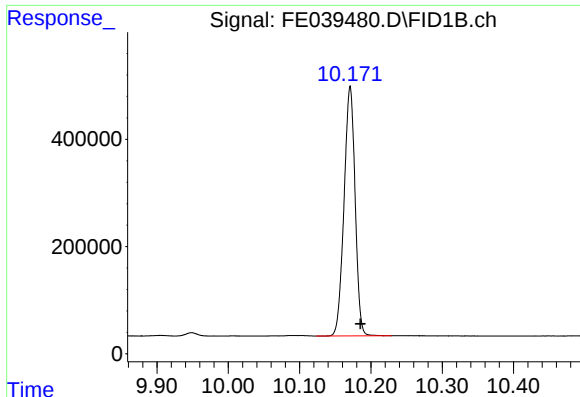
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.012 min
Response: 4151900
Conc: 31.98 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 4455432
Conc: 33.62 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.014 min
Response: 5018213
Conc: 36.48 ug/ml

Instrument :

FID_E

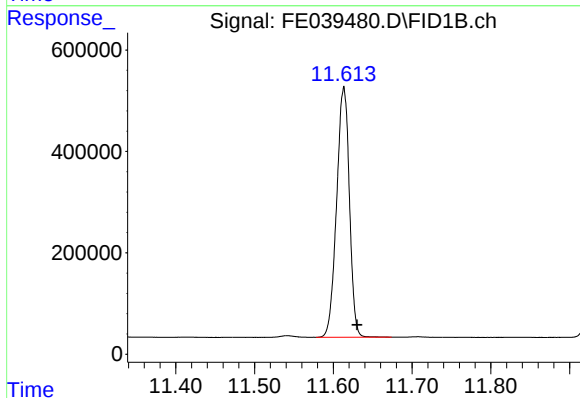
ClientSampleId :

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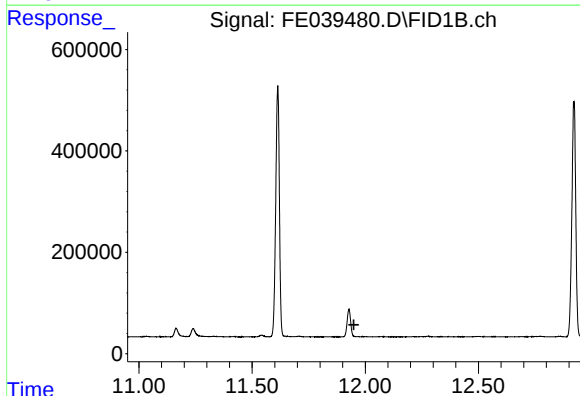
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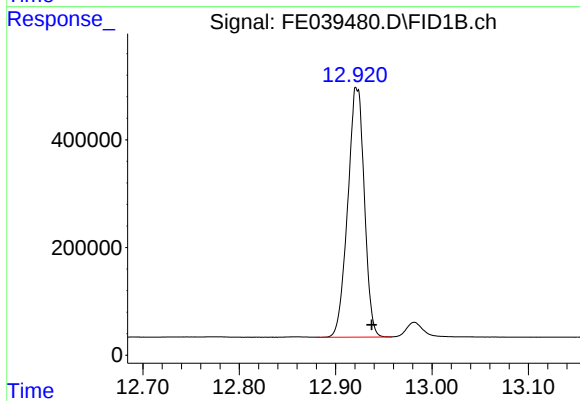
#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: -0.017 min
Response: 5563441
Conc: 39.72 ug/ml



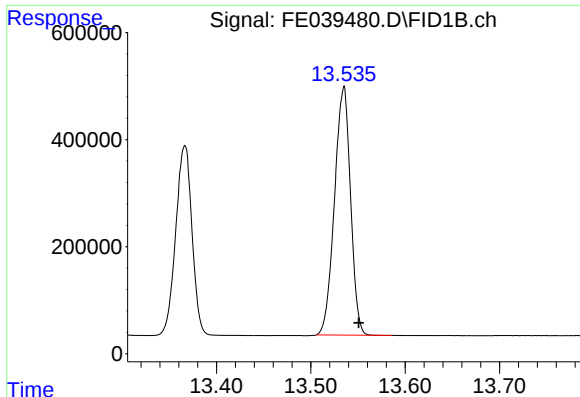
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.950 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.016 min
Response: 5537745
Conc: 40.57 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.016 min
Response: 5485812
Conc: 40.22 ug/ml

Instrument :

FID_E

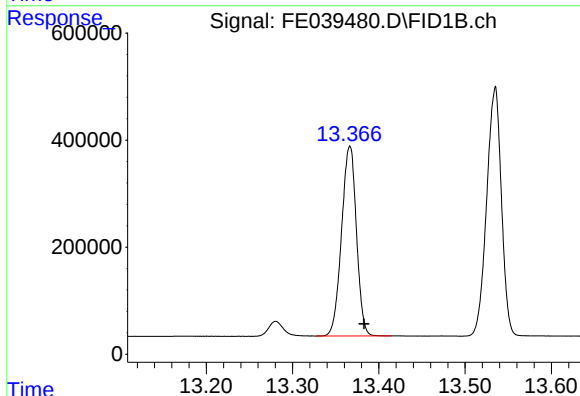
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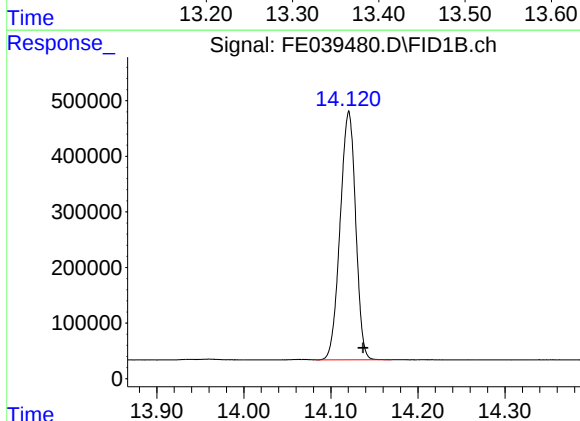
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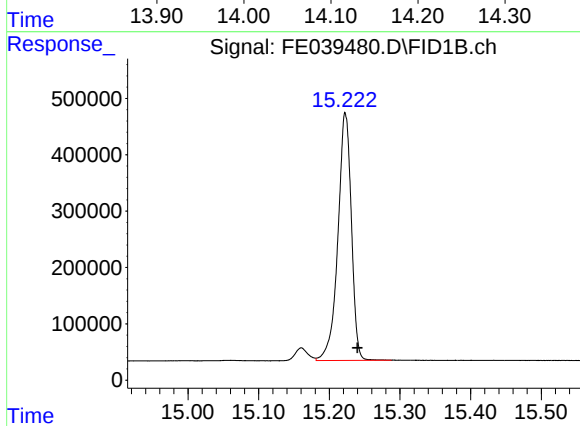
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.016 min
Response: 4252721
Conc: 36.95 ug/ml



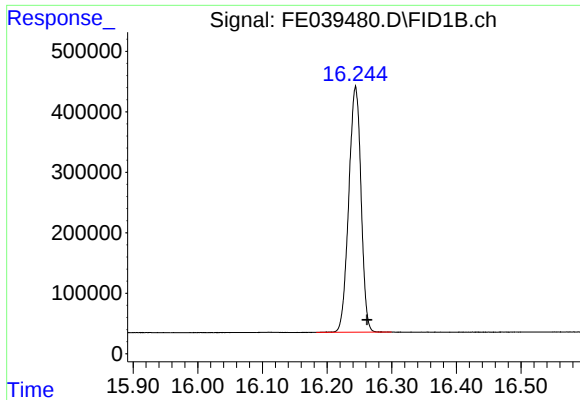
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: -0.016 min
Response: 5538727
Conc: 40.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.017 min
Response: 5818031
Conc: 43.34 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.018 min
Response: 5350952
Conc: 41.09 ug/ml

Instrument :

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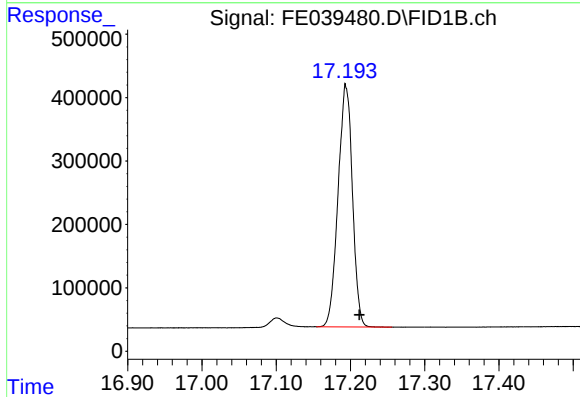
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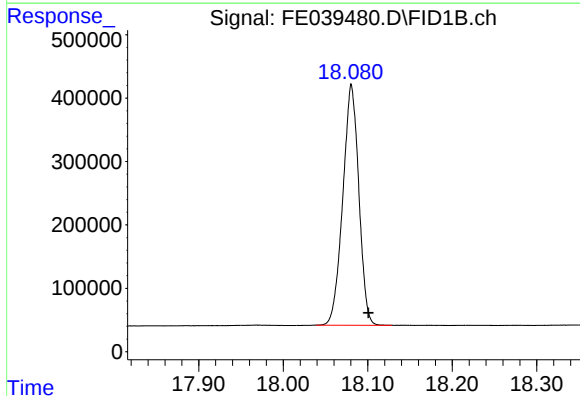
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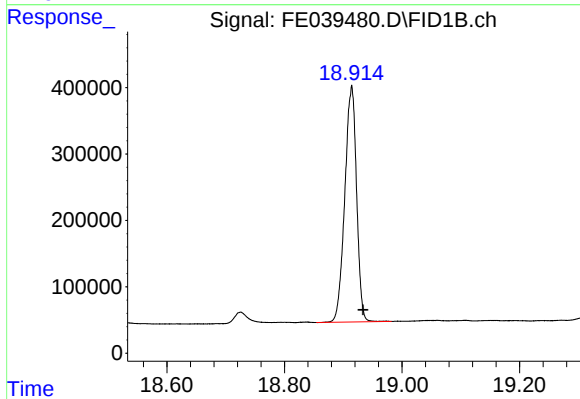
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.018 min
Response: 5136678
Conc: 39.91 ug/ml



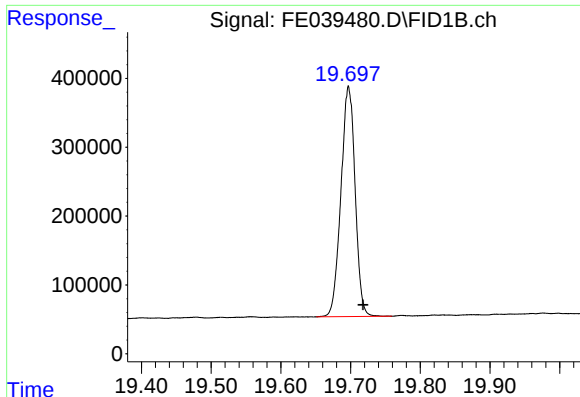
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.021 min
Response: 5002426
Conc: 38.85 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.020 min
Response: 4942317
Conc: 38.16 ug/ml



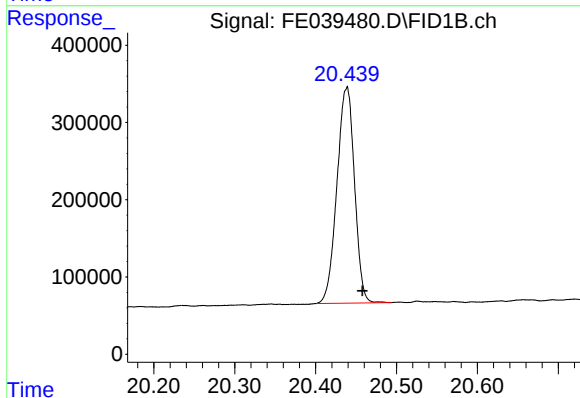
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.021 min
Response: 4728707
Conc: 37.48 ug/ml

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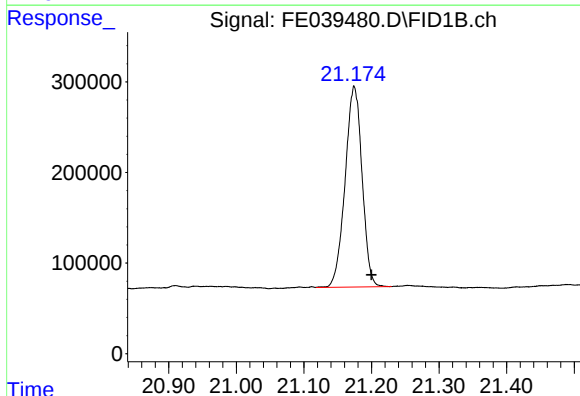
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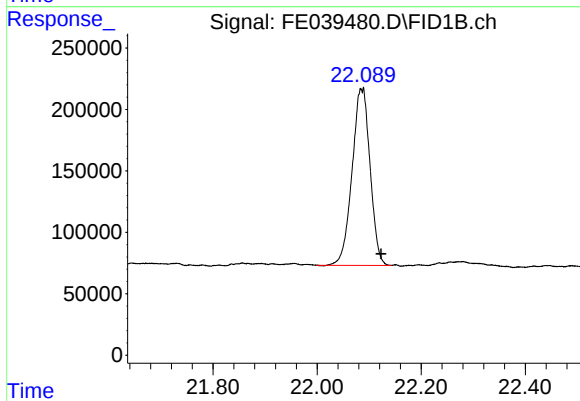
#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.019 min
Response: 4218247
Conc: 34.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.025 min
Response: 3854906
Conc: 31.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.034 min
Response: 3454970
Conc: 27.51 ug/ml