

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038534.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 14:47
 Operator : YP\AJ
 Sample : PB148744BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148744BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:30:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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...	13.395	4476303	32.697 ug/ml
Spiked Amount 50.000		Recovery =	65.39%
Target Compounds			
1) T n-Nonane (C9)	3.361	3158923	20.511 ug/ml
2) T n-Decane (C10)	4.609	3924296	25.282 ug/mlm
4) T n-Dodecane (C12)	6.771	4741711	30.353 ug/ml
6) T n-Tetradecane (C14)	8.597	5174968	33.090 ug/ml
7) T n-Hexadecane (C16)	10.202	5583426	35.341 ug/ml
8) T n-Octadecane (C18)	11.643	5930026	37.021 ug/ml
10) T n-Eicosane (C20)	12.952	5764197	35.774 ug/ml
11) T n-Heneicosane (C21)	13.563	5725854	35.447 ug/ml
13) T n-Docosane (C22)	14.149	5657875	35.046 ug/ml
14) T n-Tetracosane (C24)	15.250	5556455	34.642 ug/ml
15) T n-Hexacosane (C26)	16.268	5423255	34.144 ug/ml
16) T n-Octacosane (C28)	17.217	5303065	33.801 ug/ml
17) T n-Tricontane (C30)	18.102	5246661	32.883 ug/mlm
18) T n-Dotriacontane (C32)	18.935	5241576	33.244 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5251766	35.623 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	5085808	35.594 ug/ml
21) T n-Octatriacontane (C38)	21.196	5218772	38.639 ug/ml
22) T n-Tetracontane (C40)	22.121	5432695	43.038 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB148744BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

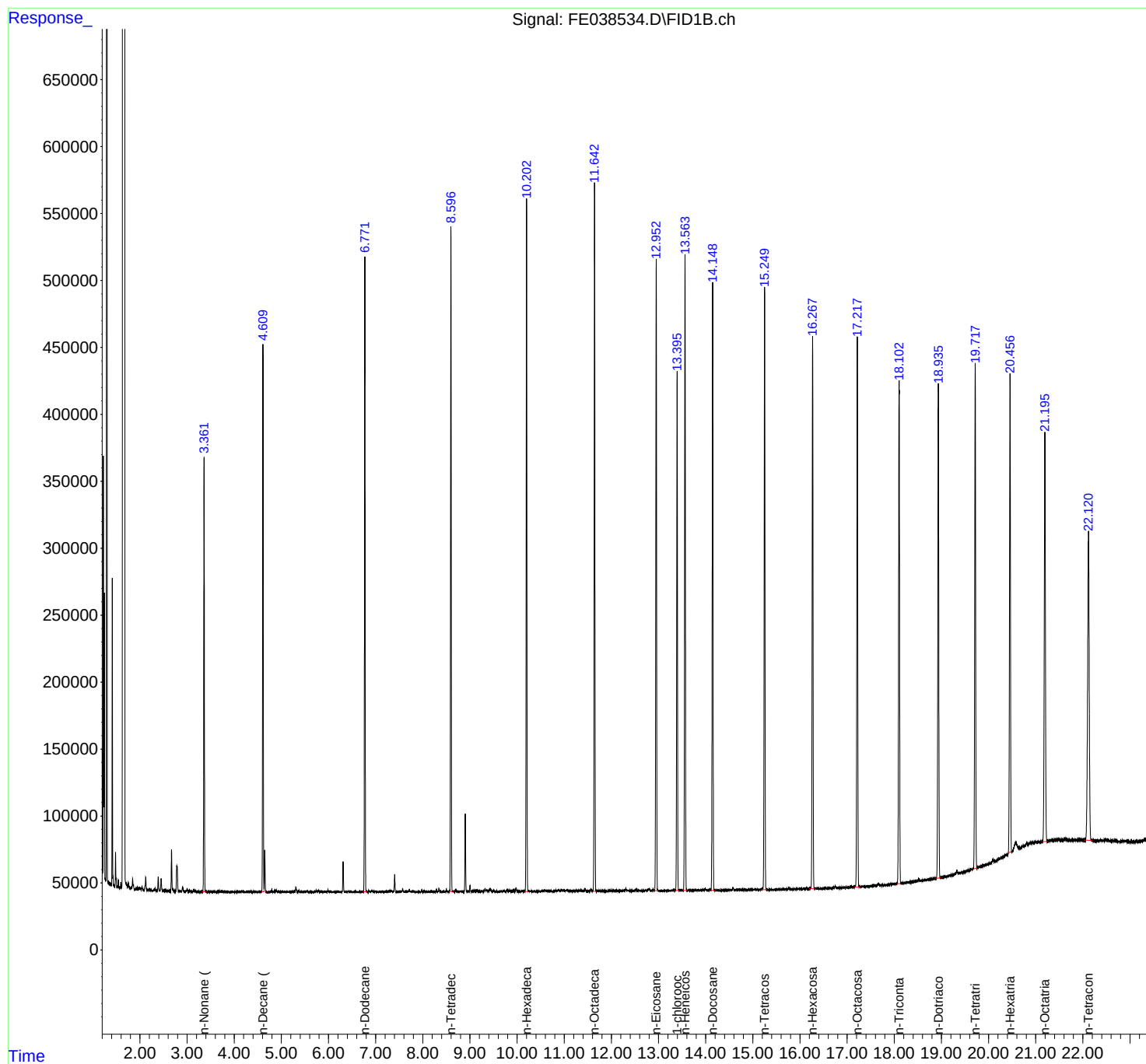
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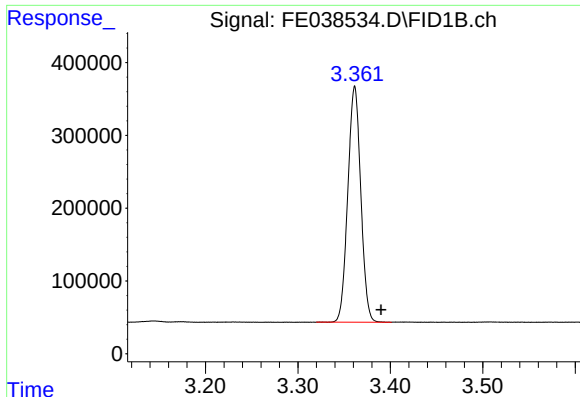
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#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 3158923
Conc: 20.51 ug/ml

Instrument :

FID_E

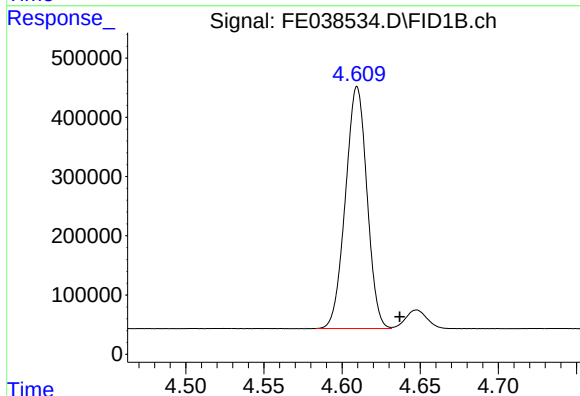
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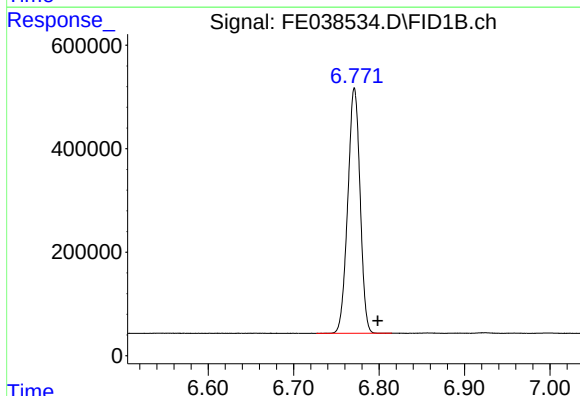
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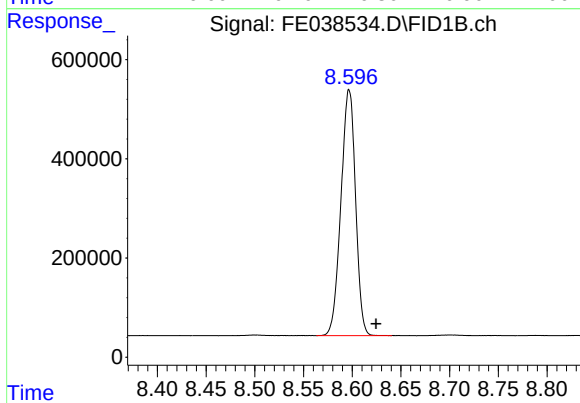
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.028 min
Response: 3924296
Conc: 25.28 ug/ml m



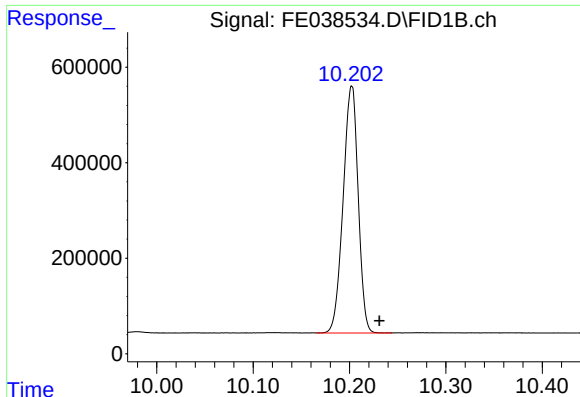
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 4741711
Conc: 30.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 5174968
Conc: 33.09 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.029 min
Response: 5583426
Conc: 35.34 ug/ml

Instrument :

FID_E

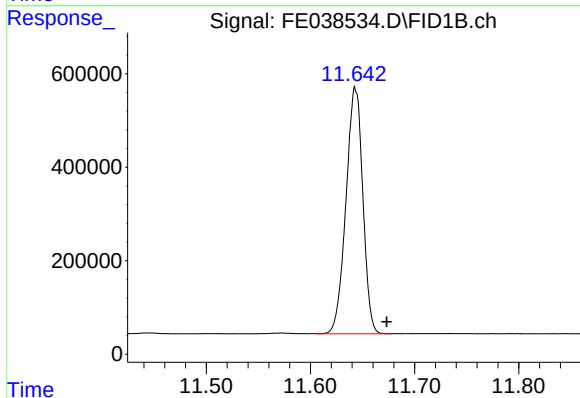
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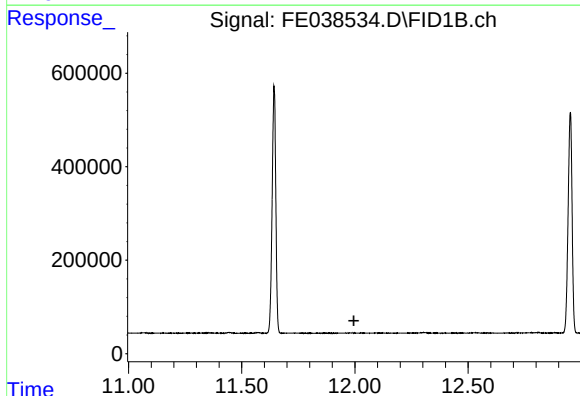
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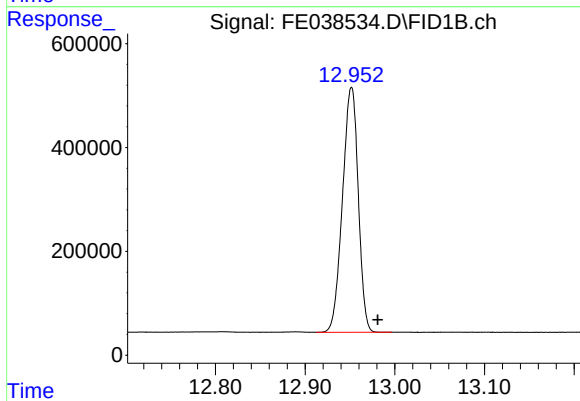
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.030 min
Response: 5930026
Conc: 37.02 ug/ml



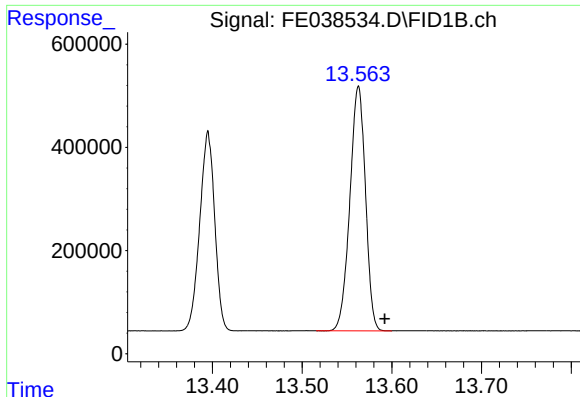
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.996 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.029 min
Response: 5764197
Conc: 35.77 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 5725854
Conc: 35.45 ug/ml

Instrument :

FID_E

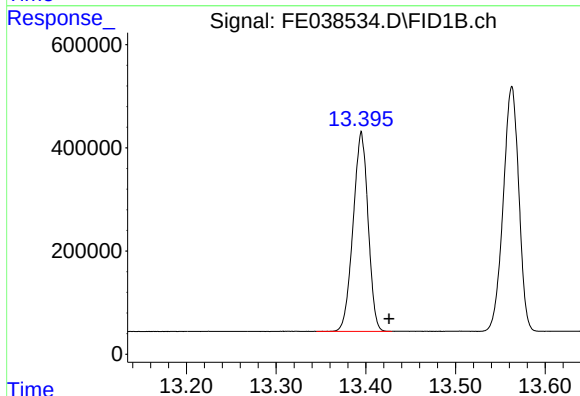
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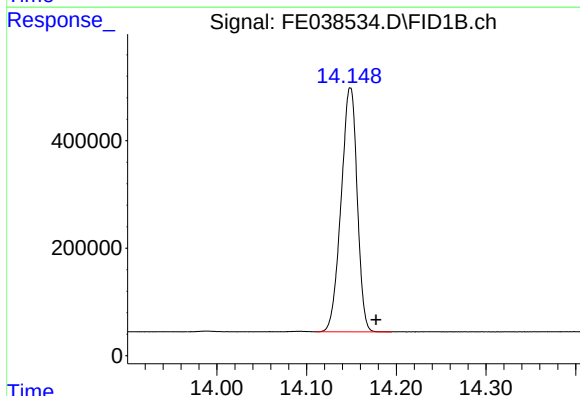
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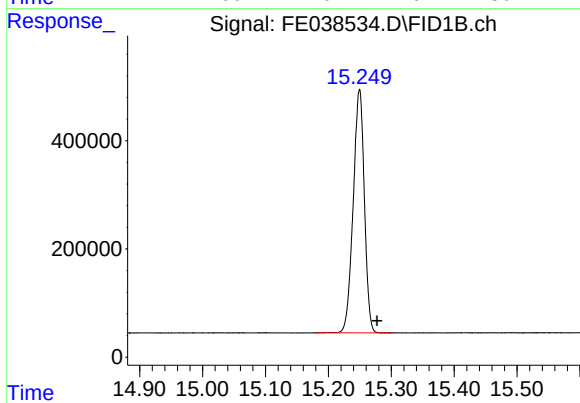
#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 4476303
Conc: 32.70 ug/ml



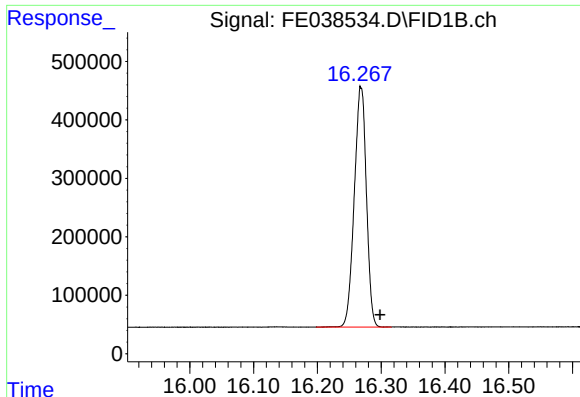
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 5657875
Conc: 35.05 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.028 min
Response: 5556455
Conc: 34.64 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 5423255
Conc: 34.14 ug/ml

Instrument :

FID_E

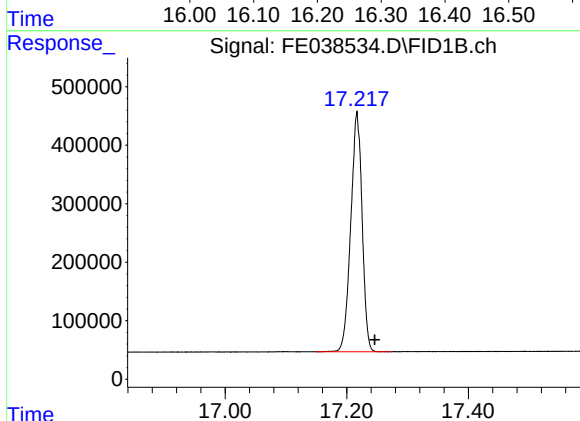
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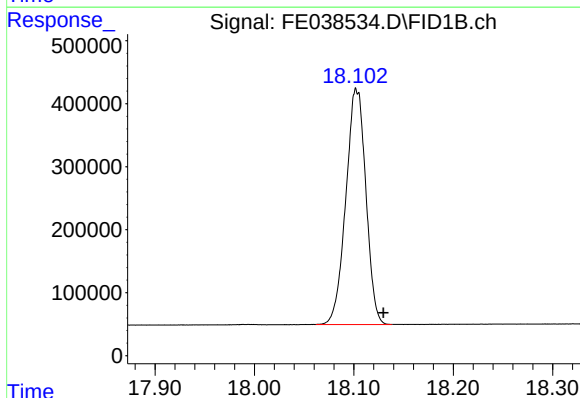
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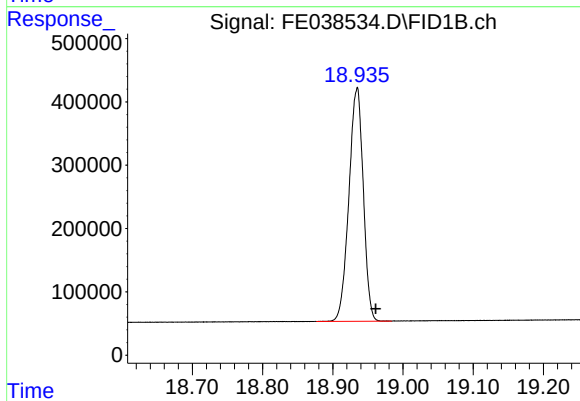
#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.029 min
Response: 5303065
Conc: 33.80 ug/ml



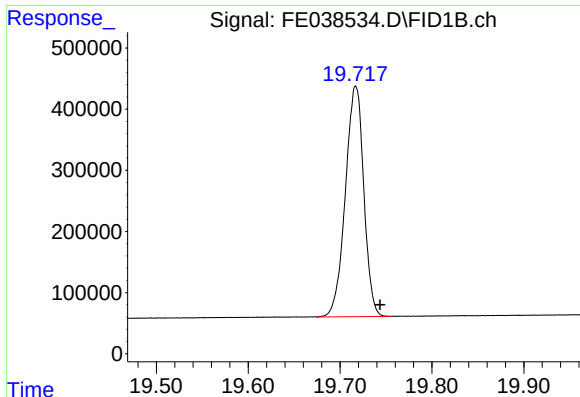
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.028 min
Response: 5246661
Conc: 32.88 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.026 min
Response: 5241576
Conc: 33.24 ug/ml



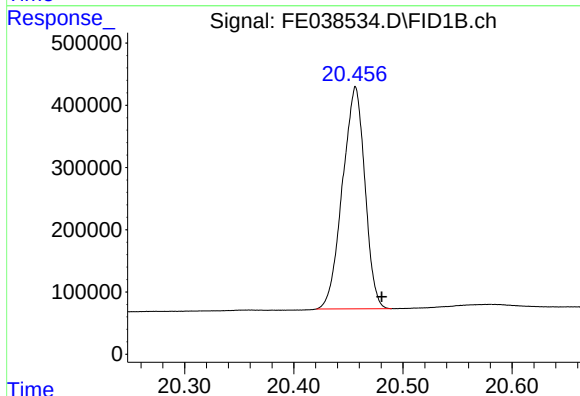
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.027 min
Response: 5251766
Conc: 35.62 ug/ml

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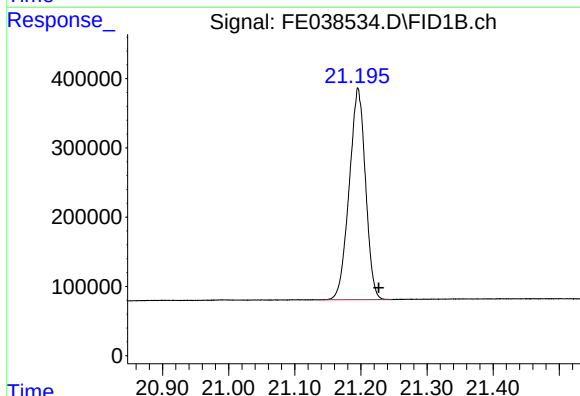
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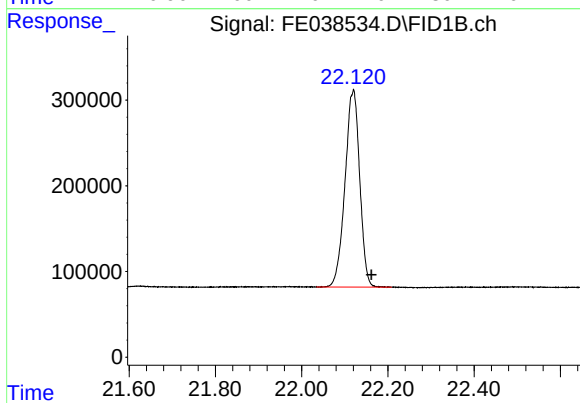
#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.024 min
Response: 5085808
Conc: 35.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.031 min
Response: 5218772
Conc: 38.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.042 min
Response: 5432695
Conc: 43.04 ug/ml