

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048681.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 20:08
 Operator : YP\AJ
 Sample : PB161448BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161448BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 01:29:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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...	13.375	4153747	38.128 ug/ml
Spiked Amount 50.000		Recovery =	76.26%
Target Compounds			
1) T n-Nonane (C9)	3.328	4306018	28.802 ug/ml
2) T n-Decane (C10)	4.578	5350438	35.433 ug/ml
4) T n-Dodecane (C12)	6.743	5836883	39.431 ug/ml
6) T n-Tetradecane (C14)	8.572	6292932	44.368 ug/ml
7) T n-Hexadecane (C16)	10.180	6707402	47.577 ug/ml
8) T n-Octadecane (C18)	11.622	7112636	51.212 ug/ml
10) T n-Eicosane (C20)	12.932	7427609	56.127 ug/ml
11) T n-Heneicosane (C21)	13.543	7228900	55.809 ug/ml
13) T n-Docosane (C22)	14.129	7209957	55.951 ug/ml
14) T n-Tetracosane (C24)	15.231	7193192	55.525 ug/ml
15) T n-Hexacosane (C26)	16.251	7189230	55.470 ug/ml
16) T n-Octacosane (C28)	17.200	7193709	55.656 ug/ml
17) T n-Tricontane (C30)	18.086	7422465	55.407 ug/ml
18) T n-Dotriacontane (C32)	18.920	7664538	56.464 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7832828	57.257 ug/ml
20) T n-Hexatriacontane (C36)	20.442	7768937	57.152 ug/ml
21) T n-Octatriacontane (C38)	21.179	7916933	58.054 ug/ml
22) T n-Tetracontane (C40)	22.095	7513308	54.873 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE048681.D
Signal(s) : FID1B.ch
Acq On : 12 Jun 2024 20:08
Operator : YP\AJ
Sample : PB161448BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

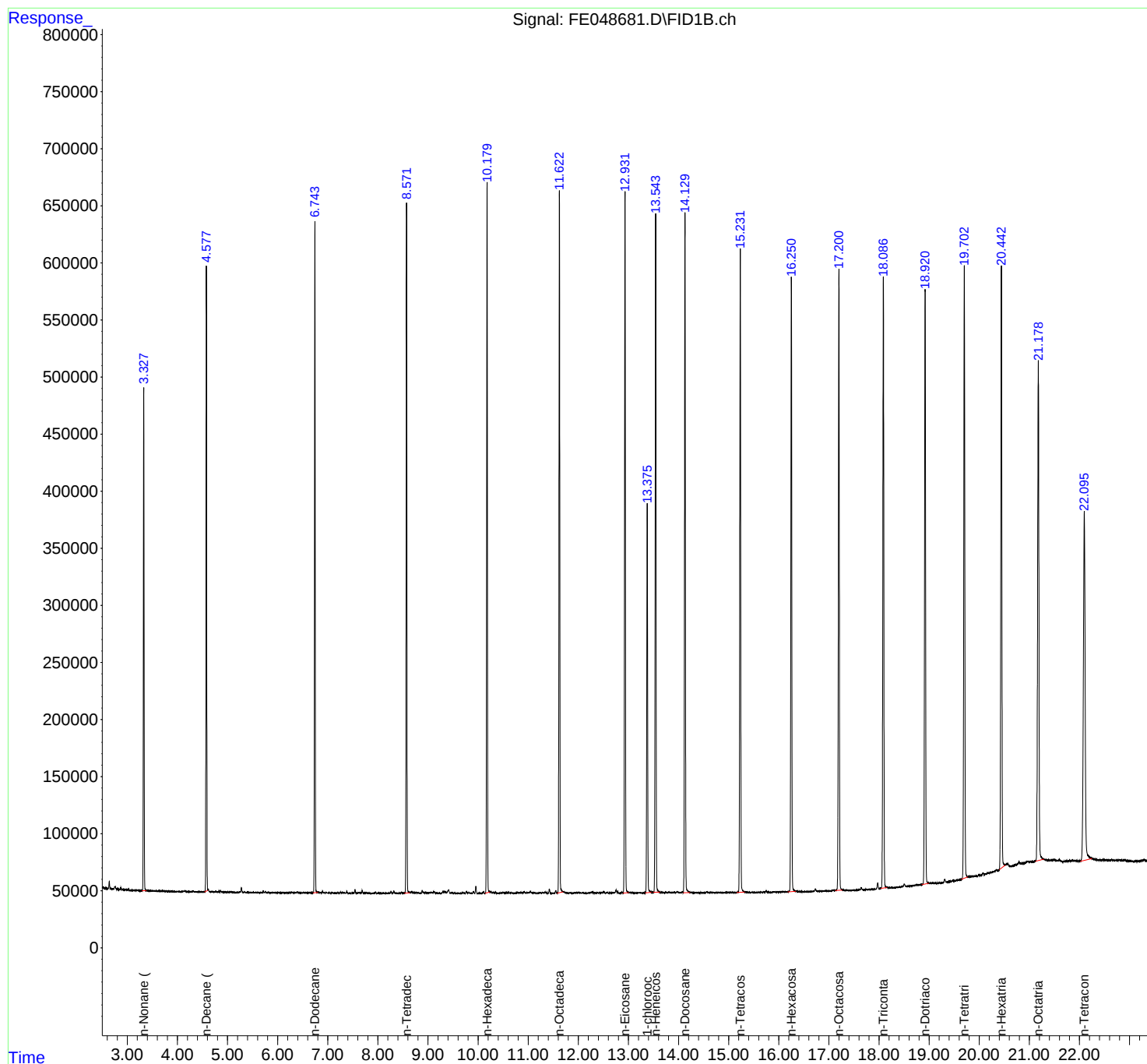
Instrument :
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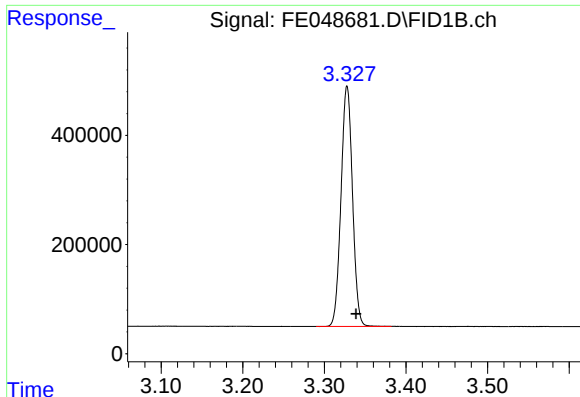
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 4306018
Conc: 28.80 ug/ml

Instrument :

FID_E

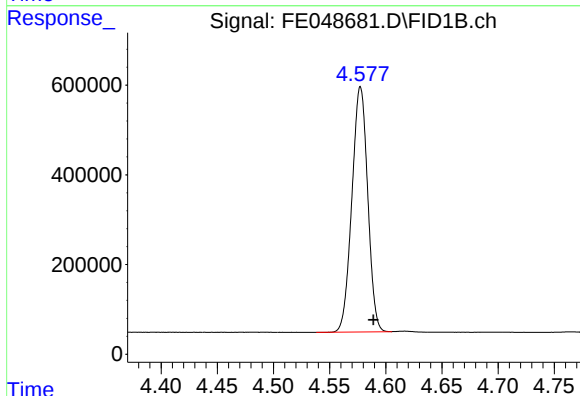
ClientSampleId :

PB161448BSD

Manual Integrations

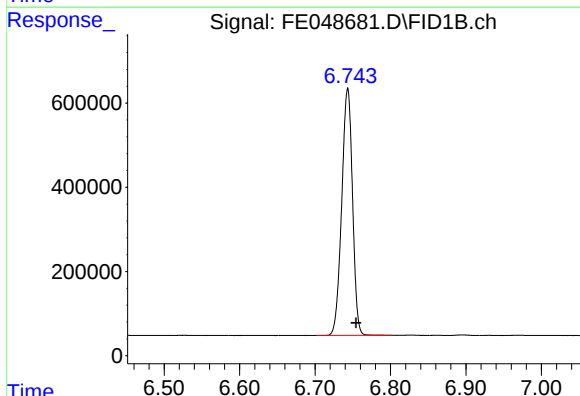
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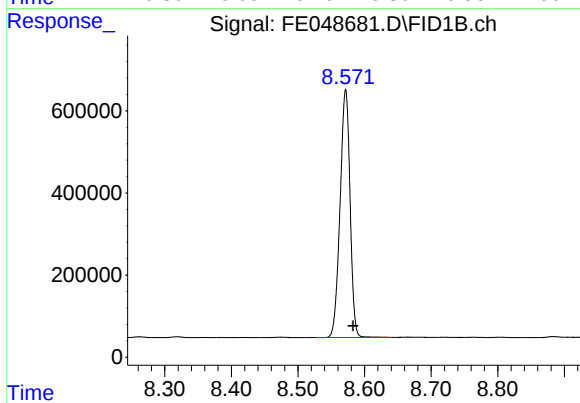
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 5350438
Conc: 35.43 ug/ml



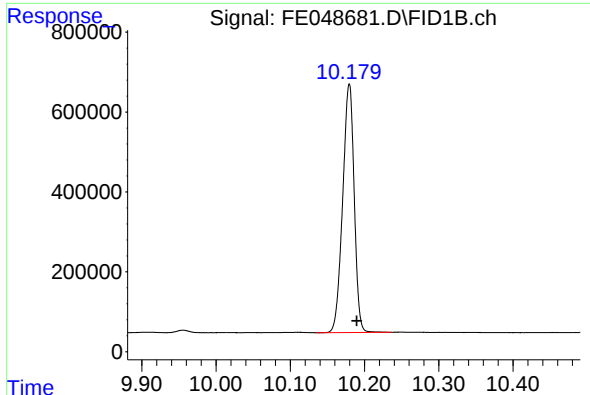
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 5836883
Conc: 39.43 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 6292932
Conc: 44.37 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.010 min
Response: 6707402
Conc: 47.58 ug/ml

Instrument :

FID_E

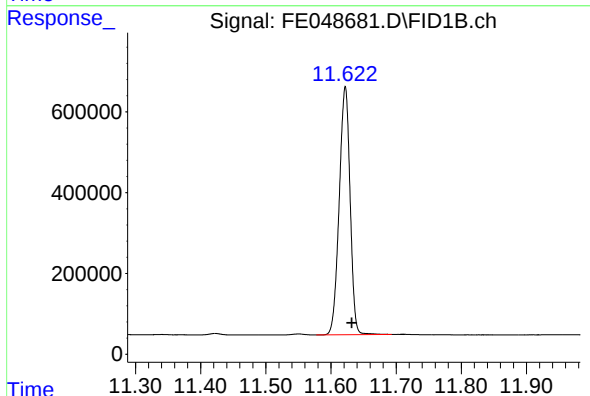
ClientSampleId :

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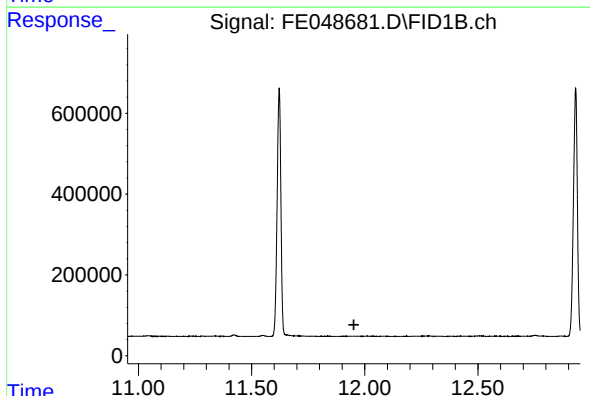
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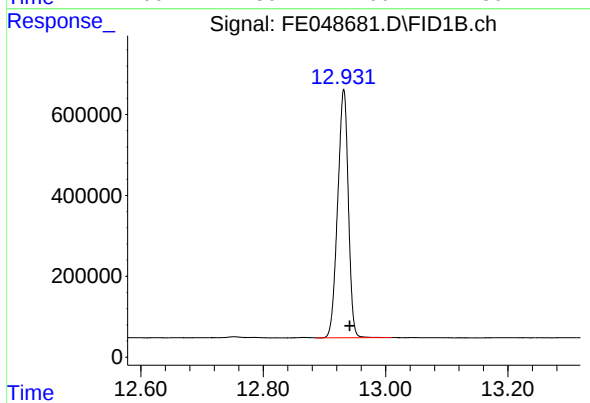
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.010 min
Response: 7112636
Conc: 51.21 ug/ml



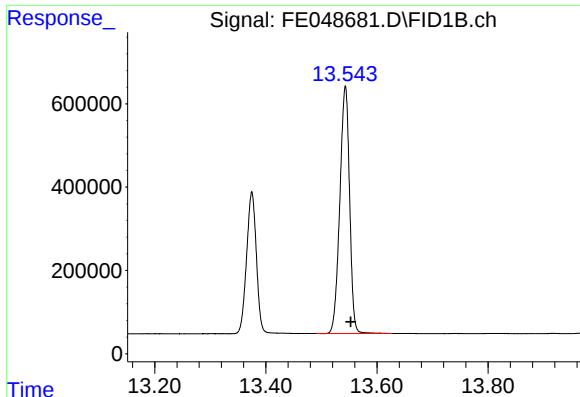
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.952 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 7427609
Conc: 56.13 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.009 min
Response: 7228900
Conc: 55.81 ug/ml

Instrument :

FID_E

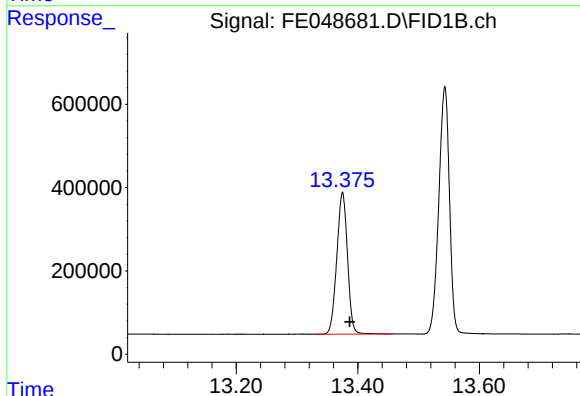
ClientSampleId :

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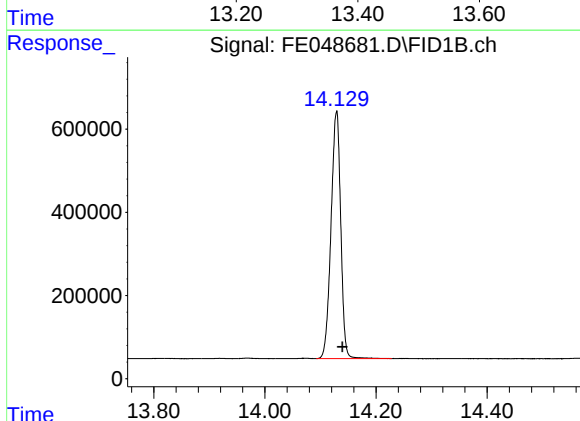
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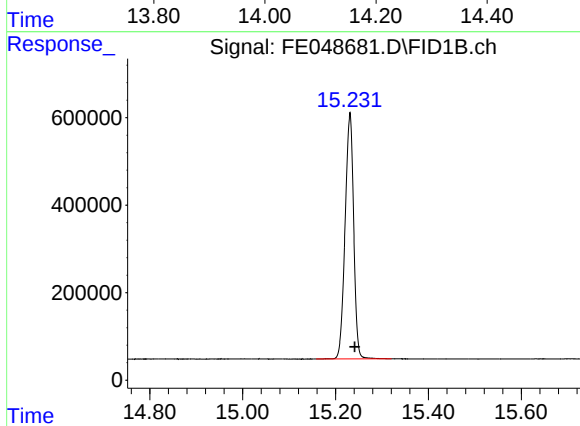
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.012 min
Response: 4153747
Conc: 38.13 ug/ml



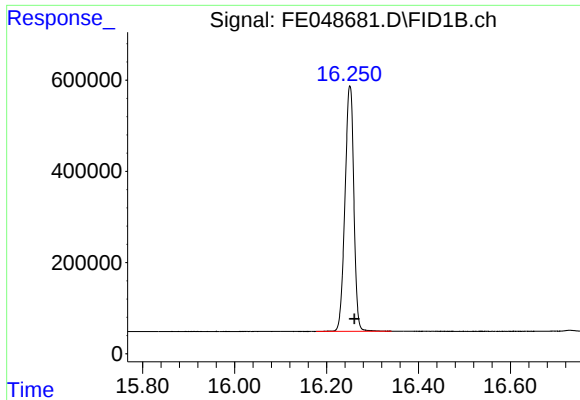
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.010 min
Response: 7209957
Conc: 55.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.011 min
Response: 7193192
Conc: 55.52 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.010 min
Response: 7189230
Conc: 55.47 ug/ml

Instrument :

FID_E

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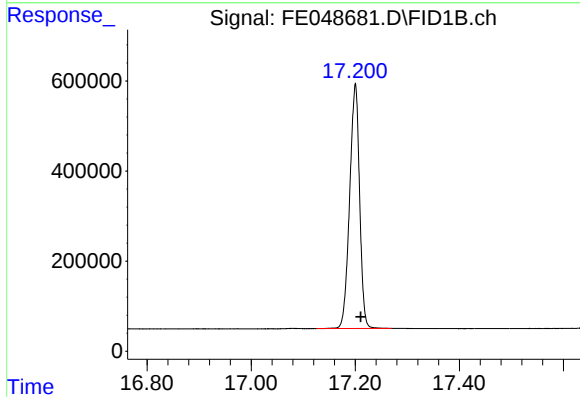
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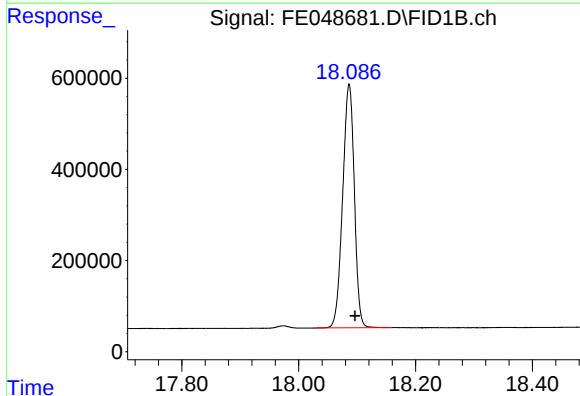
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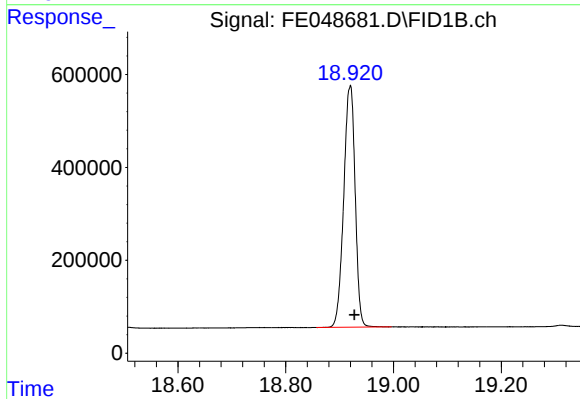
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.010 min
Response: 7193709
Conc: 55.66 ug/ml



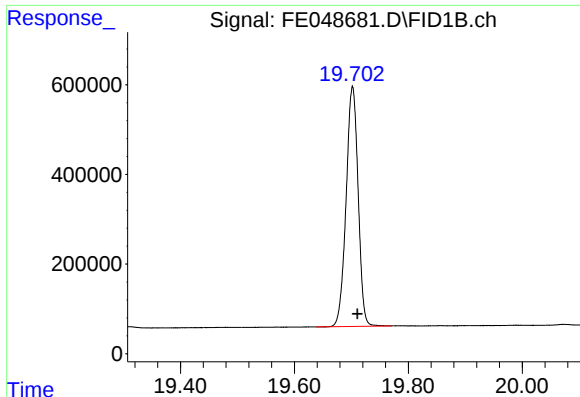
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.010 min
Response: 7422465
Conc: 55.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.008 min
Response: 7664538
Conc: 56.46 ug/ml



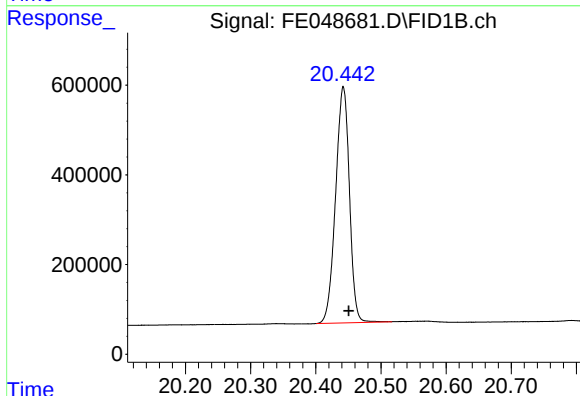
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 7832828
Conc: 57.26 ug/ml

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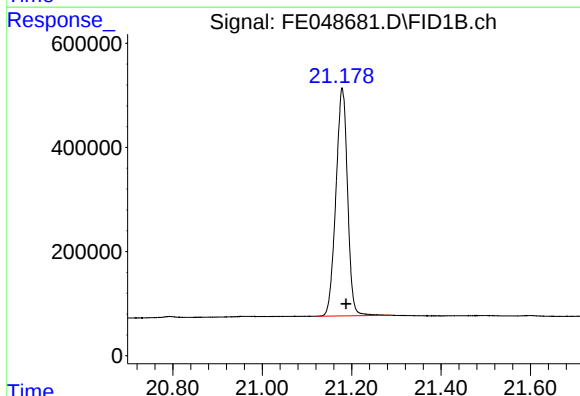
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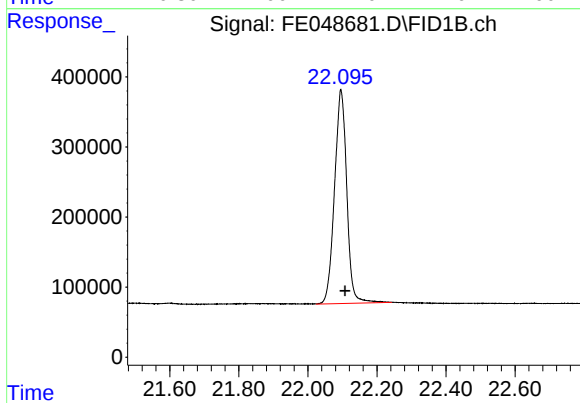
#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.008 min
Response: 7768937
Conc: 57.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 7916933
Conc: 58.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.013 min
Response: 7513308
Conc: 54.87 ug/ml m