

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
 Data File : FE042968.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 18:41
 Operator : YP\AJ
 Sample : 03362-16MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EPH-SB-19-20MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 28 02:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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...	13.352	4303034	31.619 ug/ml
Spiked Amount 50.000		Recovery =	63.24%
Target Compounds			
1) T n-Nonane (C9)	3.292	2591715	16.778 ug/ml
2) T n-Decane (C10)	4.545	3203157	20.279 ug/ml
4) T n-Dodecane (C12)	6.715	4006300	25.029 ug/ml
6) T n-Tetradecane (C14)	8.545	4591737	28.851 ug/ml
7) T n-Hexadecane (C16)	10.153	5085896	30.880 ug/ml
8) T n-Octadecane (C18)	11.596	5404157	32.513 ug/ml
10) T n-Eicosane (C20)	12.907	5157185	32.500 ug/ml
11) T n-Heneicosane (C21)	13.519	5025629	32.483 ug/ml
13) T n-Docosane (C22)	14.106	4967937	32.613 ug/ml
14) T n-Tetracosane (C24)	15.209	4818267	32.474 ug/ml
15) T n-Hexacosane (C26)	16.232	4810801	33.651 ug/ml
16) T n-Octacosane (C28)	17.181	4885718	35.226 ug/ml
17) T n-Tricontane (C30)	18.070	4700978	33.239 ug/ml
18) T n-Dotriacontane (C32)	18.903	4458966	31.791 ug/ml
19) T n-Tetratriacontane (C34)	19.686	4446643	32.494 ug/ml
20) T n-Hexatriacontane (C36)	20.427	4384401	32.784 ug/mlm
21) T n-Octatriacontane (C38)	21.168	4209407	30.874 ug/ml
22) T n-Tetracontane (C40)	22.089	4506365	32.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

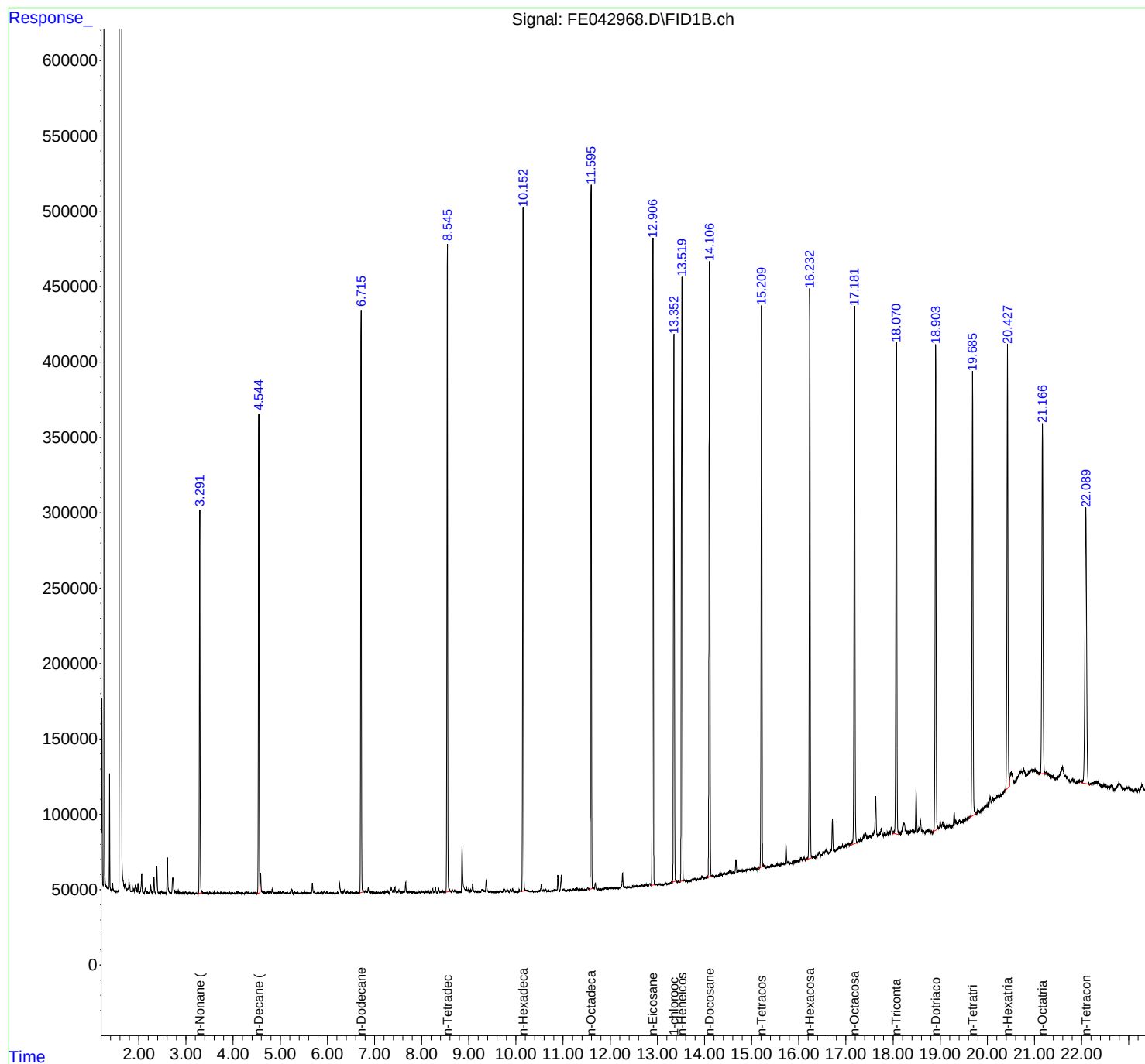
Instrument :
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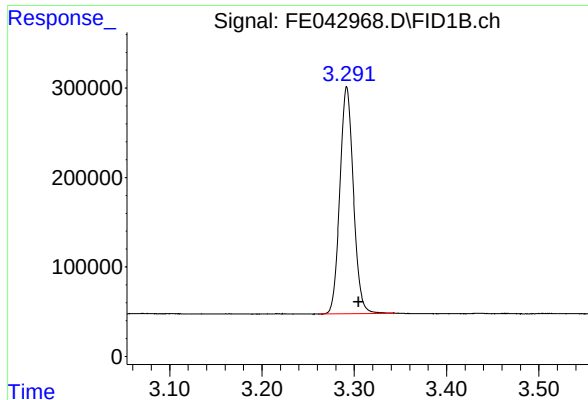
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.013 min
Response: 2591715
Conc: 16.78 ug/ml

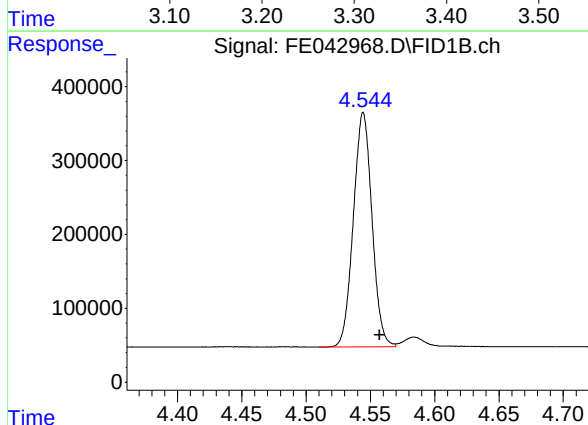
Instrument :

FID_E

ClientSampleId :
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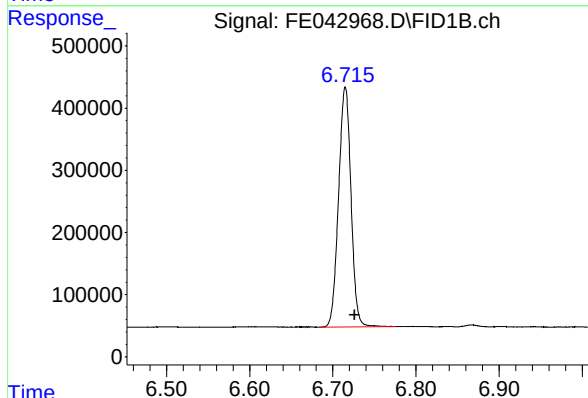
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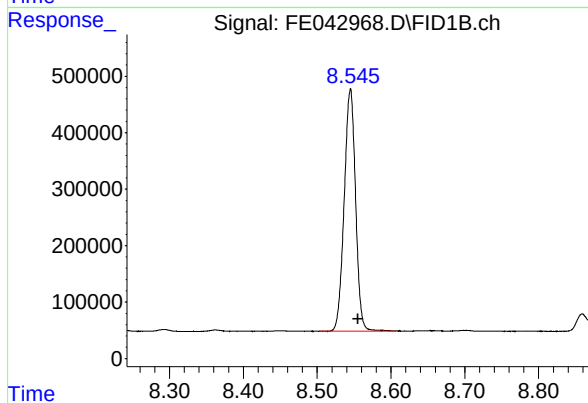
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.013 min
Response: 3203157
Conc: 20.28 ug/ml



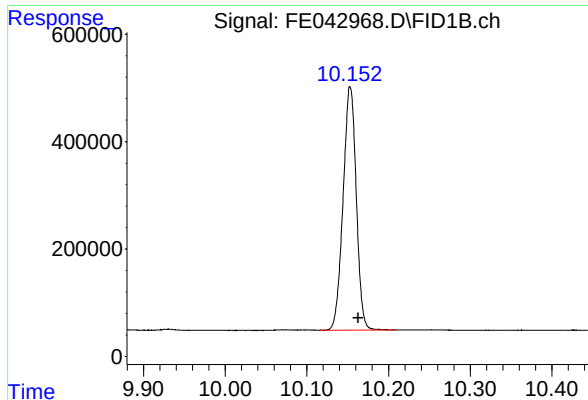
#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.011 min
Response: 4006300
Conc: 25.03 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.010 min
Response: 4591737
Conc: 28.85 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.010 min
Response: 5085896
Conc: 30.88 ug/ml

Instrument :

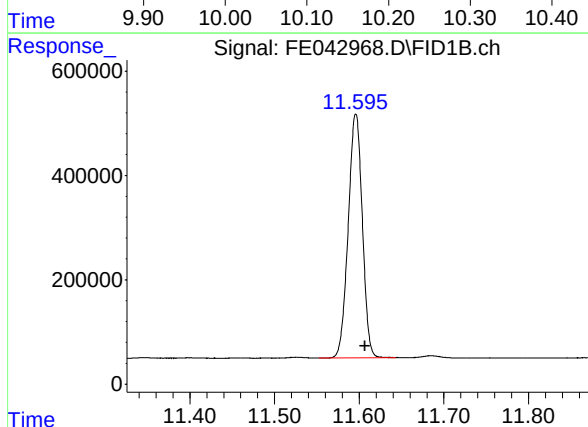
FID_E

ClientSampleId :

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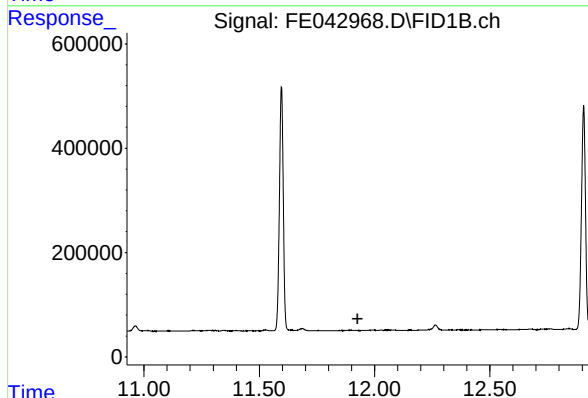
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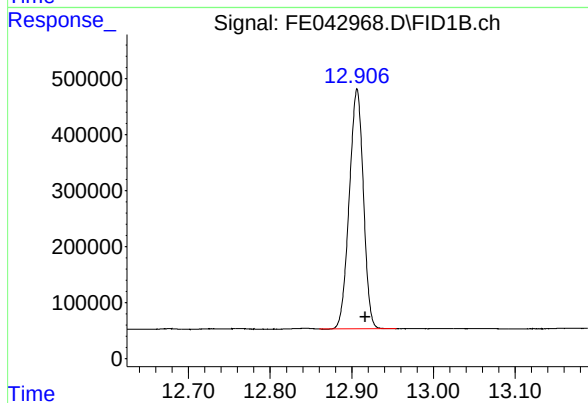
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: -0.011 min
Response: 5404157
Conc: 32.51 ug/ml



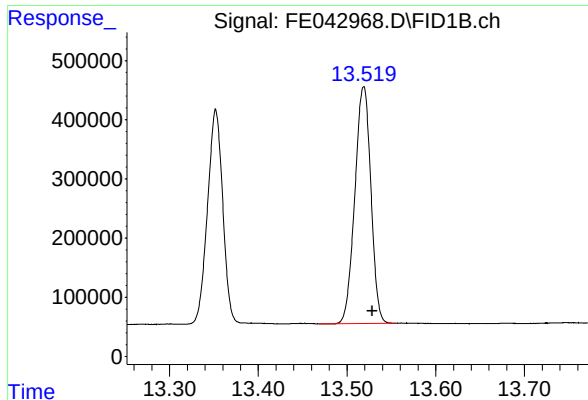
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.010 min
Response: 5157185
Conc: 32.50 ug/ml



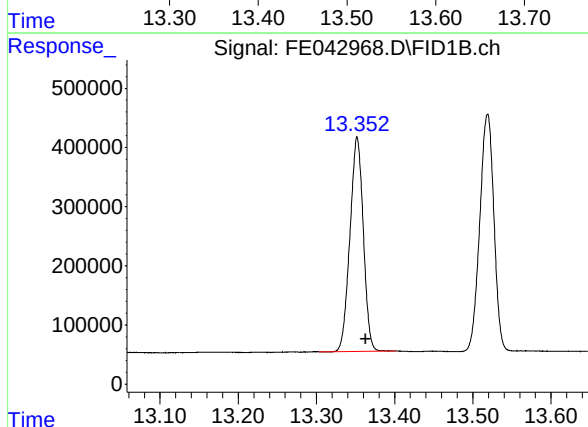
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.010 min
Response: 5025629
Conc: 32.48 ug/ml

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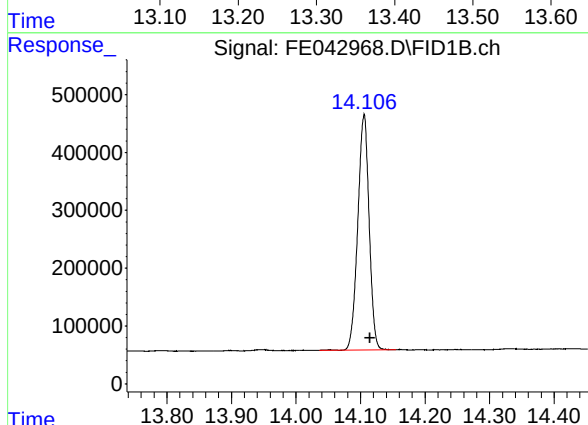
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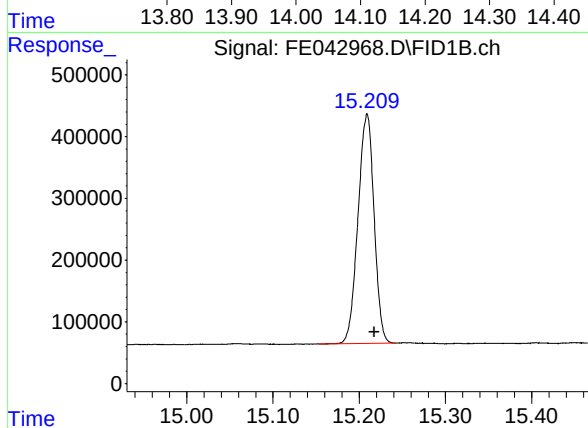
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.011 min
Response: 4303034
Conc: 31.62 ug/ml



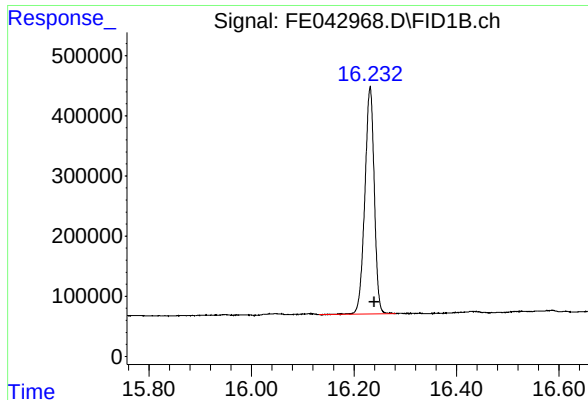
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.009 min
Response: 4967937
Conc: 32.61 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.009 min
Response: 4818267
Conc: 32.47 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.008 min
Response: 4810801
Conc: 33.65 ug/ml

Instrument :

FID_E

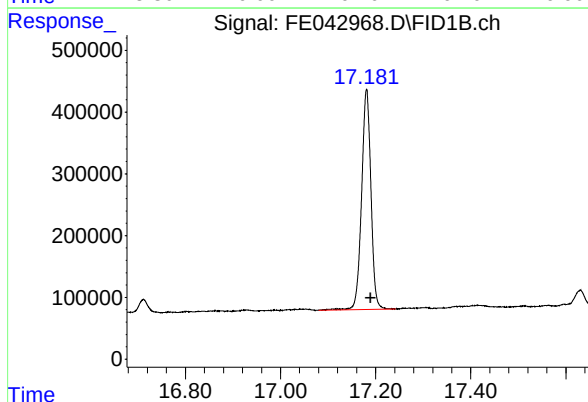
ClientSampleId :

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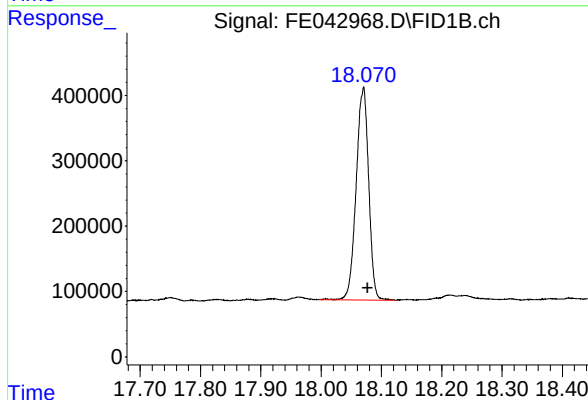
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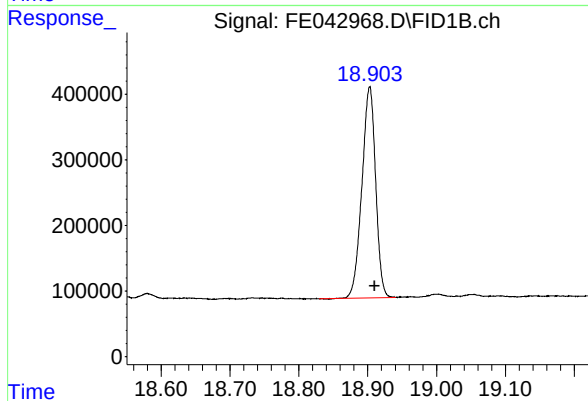
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.009 min
Response: 4885718
Conc: 35.23 ug/ml



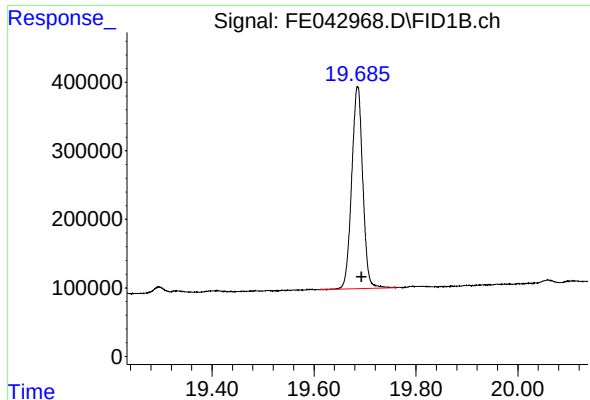
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 4700978
Conc: 33.24 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: -0.007 min
Response: 4458966
Conc: 31.79 ug/ml



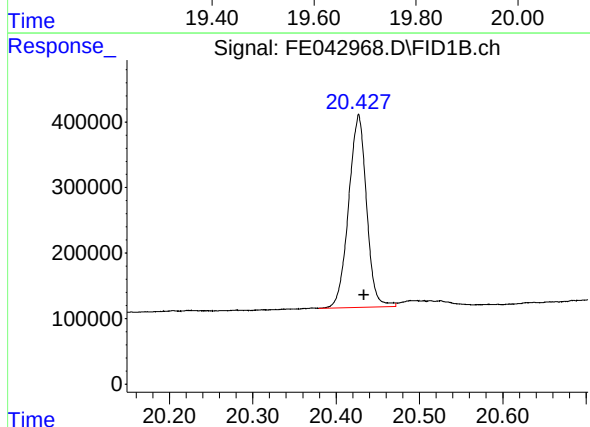
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.008 min
Response: 4446643
Conc: 32.49 ug/ml

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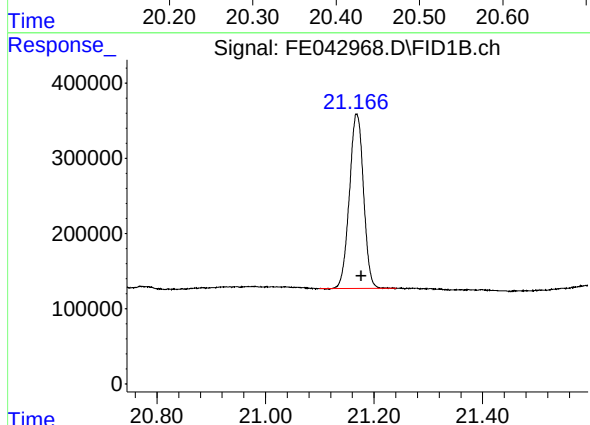
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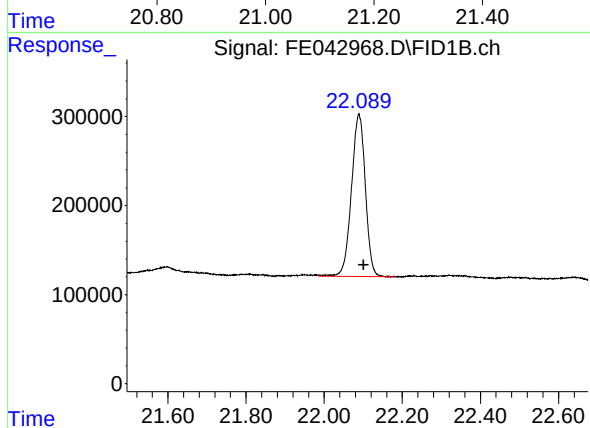
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.006 min
Response: 4384401
Conc: 32.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.009 min
Response: 4209407
Conc: 30.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.012 min
Response: 4506365
Conc: 32.39 ug/ml