

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
 Data File : FE042967.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 18:11
 Operator : YP\AJ
 Sample : 03362-16MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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 02:24:31 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...	13.353	4183965	30.744 ug/ml
Spiked Amount 50.000		Recovery =	61.49%
Target Compounds			
1) T n-Nonane (C9)	3.292	2570240	16.639 ug/ml
2) T n-Decane (C10)	4.545	3179526	20.129 ug/ml
4) T n-Dodecane (C12)	6.715	3980764	24.869 ug/ml
6) T n-Tetradecane (C14)	8.545	4558999	28.646 ug/ml
7) T n-Hexadecane (C16)	10.154	5059514	30.720 ug/ml
8) T n-Octadecane (C18)	11.597	5388295	32.417 ug/ml
10) T n-Eicosane (C20)	12.907	5155185	32.488 ug/ml
11) T n-Heneicosane (C21)	13.520	5048088	32.629 ug/ml
13) T n-Docosane (C22)	14.106	4982281	32.707 ug/ml
14) T n-Tetracosane (C24)	15.209	4832339	32.569 ug/ml
15) T n-Hexacosane (C26)	16.232	4809107	33.639 ug/ml
16) T n-Octacosane (C28)	17.182	4900543	35.333 ug/ml
17) T n-Tricontane (C30)	18.070	4672309	33.036 ug/ml
18) T n-Dotriacontane (C32)	18.902	4467239	31.850 ug/ml
19) T n-Tetratriacontane (C34)	19.686	4442276	32.462 ug/ml
20) T n-Hexatriacontane (C36)	20.426	4329070	32.370 ug/ml
21) T n-Octatriacontane (C38)	21.168	4170416	30.588 ug/ml
22) T n-Tetracontane (C40)	22.089	4477865	32.185 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03362-16MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

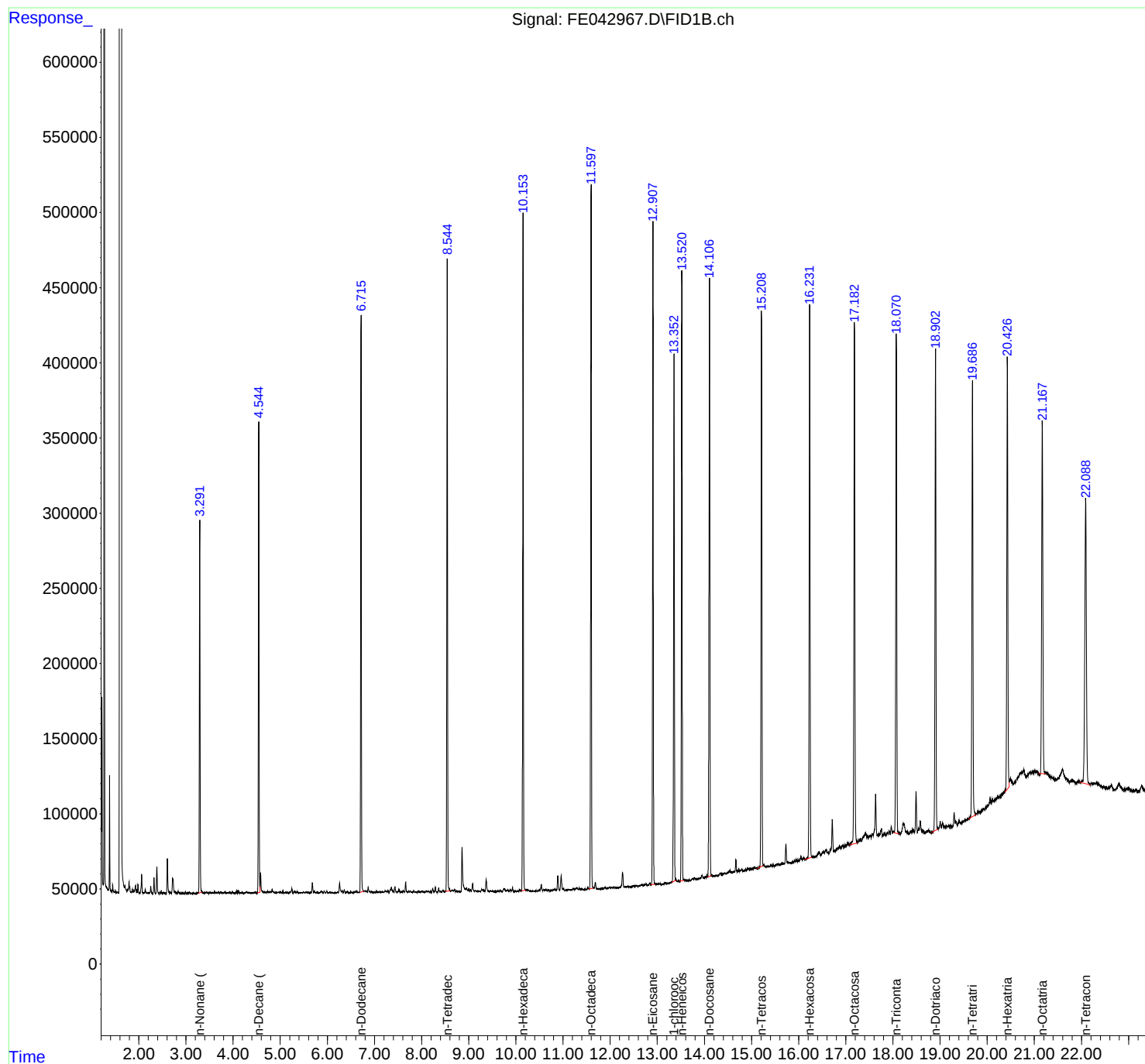
Instrument :
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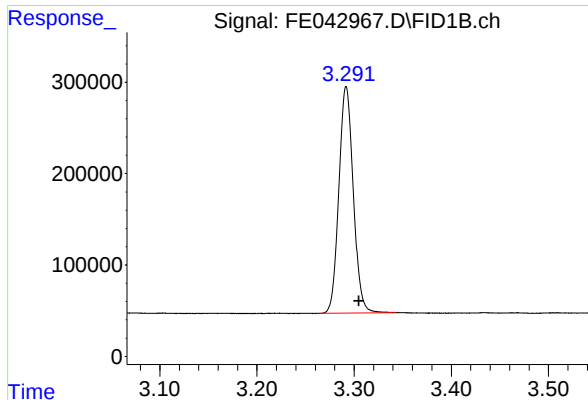
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.013 min
Response: 2570240
Conc: 16.64 ug/ml

Instrument :

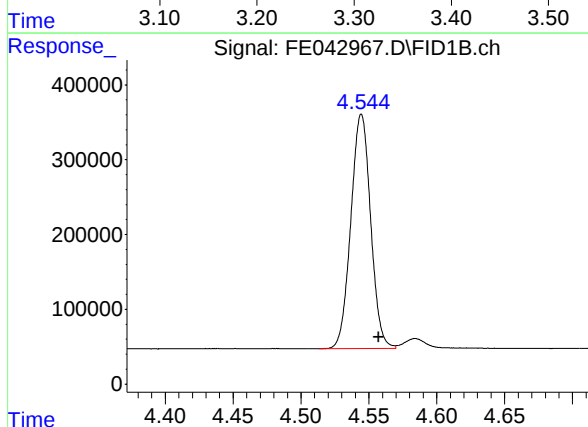
FID_E

ClientSampleId :

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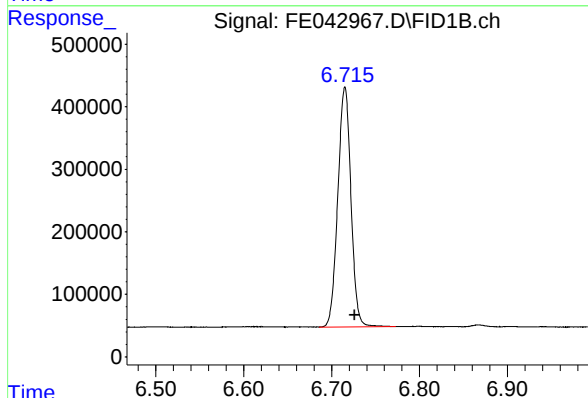
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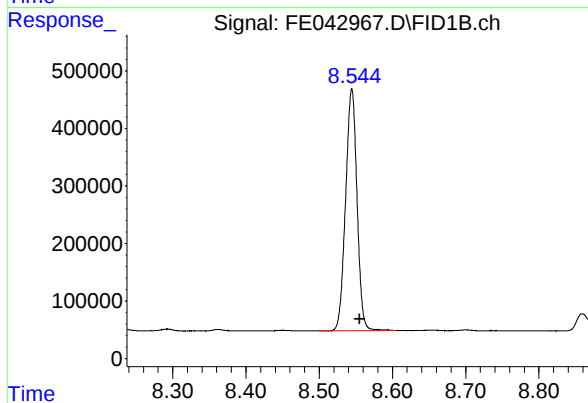
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.013 min
Response: 3179526
Conc: 20.13 ug/ml



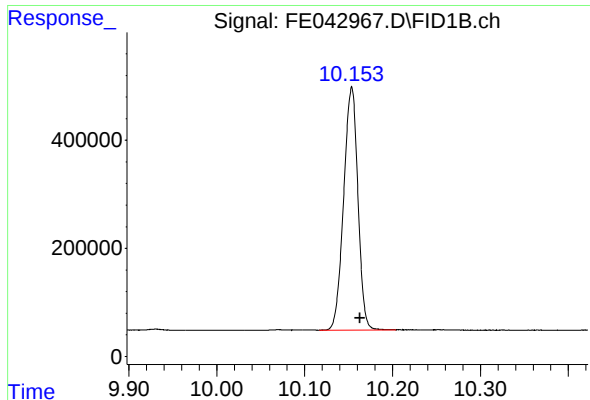
#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.011 min
Response: 3980764
Conc: 24.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 4558999
Conc: 28.65 ug/ml



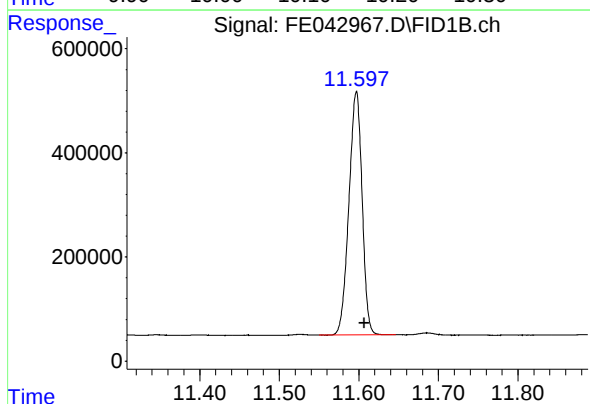
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.009 min
Response: 5059514
Conc: 30.72 ug/ml

Instrument :
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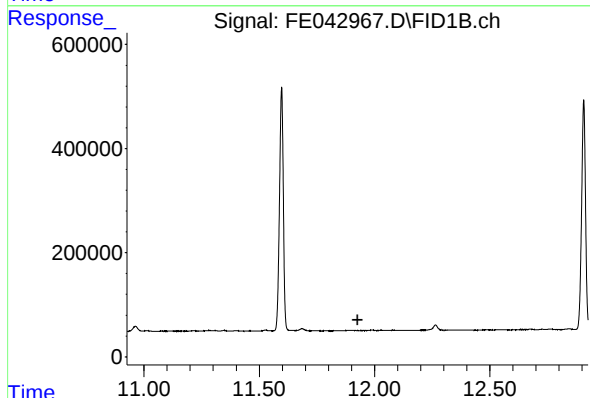
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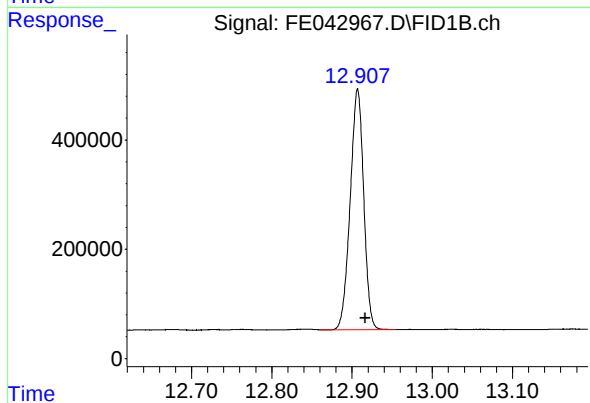
#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: -0.010 min
Response: 5388295
Conc: 32.42 ug/ml



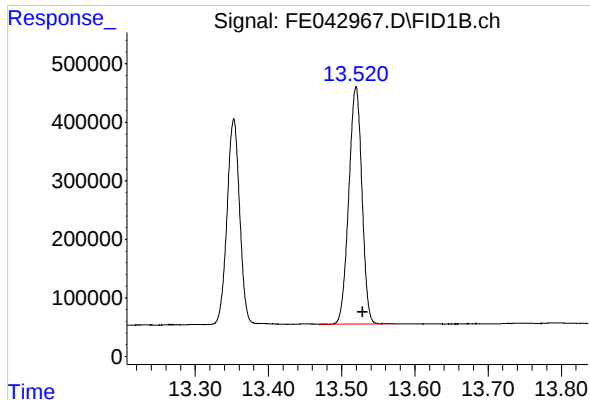
#9 ortho-Terphenyl (SURR)

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.: -0.009 min
Response: 5155185
Conc: 32.49 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.009 min
Response: 5048088
Conc: 32.63 ug/ml

Instrument :

FID_E

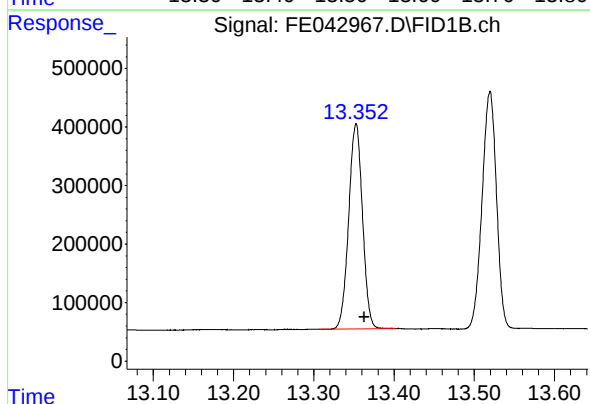
ClientSampleId :

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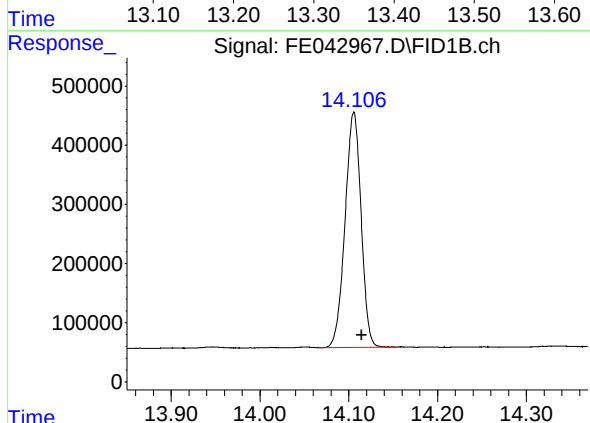
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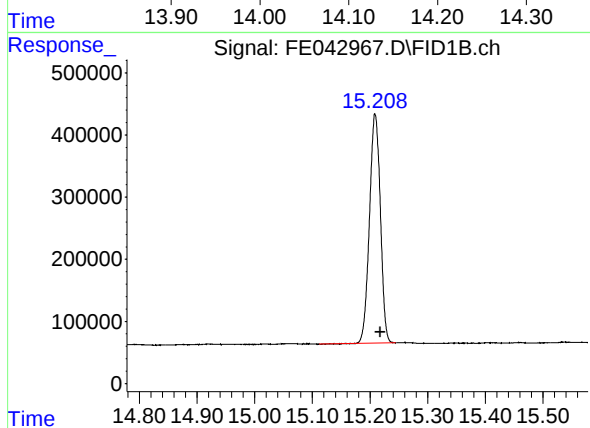
#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: -0.010 min
Response: 4183965
Conc: 30.74 ug/ml



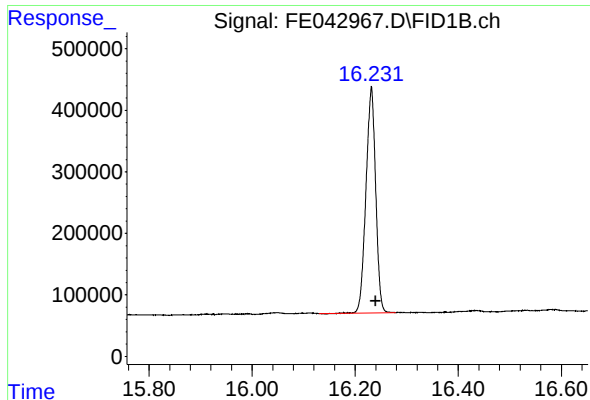
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.009 min
Response: 4982281
Conc: 32.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.009 min
Response: 4832339
Conc: 32.57 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.008 min
Response: 4809107
Conc: 33.64 ug/ml

Instrument :

FID_E

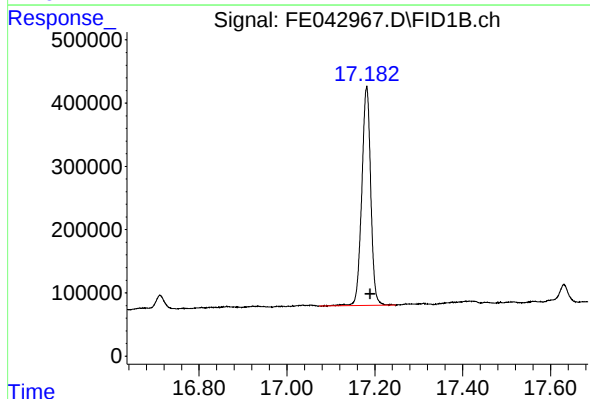
ClientSampleId :

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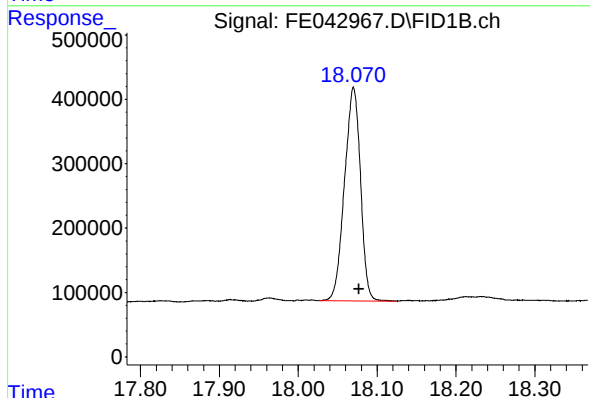
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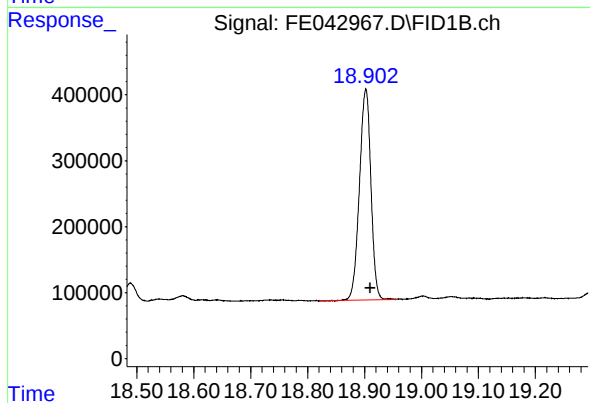
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.008 min
Response: 4900543
Conc: 35.33 ug/ml



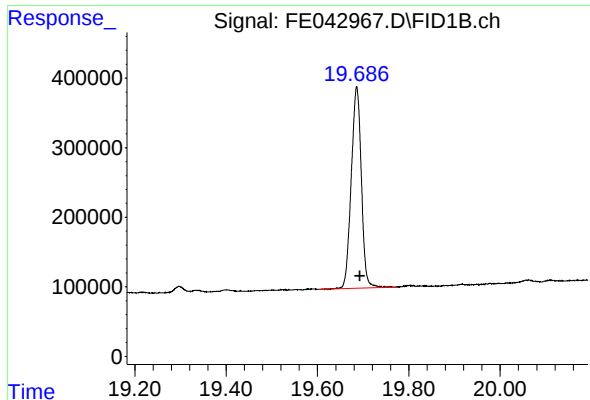
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 4672309
Conc: 33.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.008 min
Response: 4467239
Conc: 31.85 ug/ml



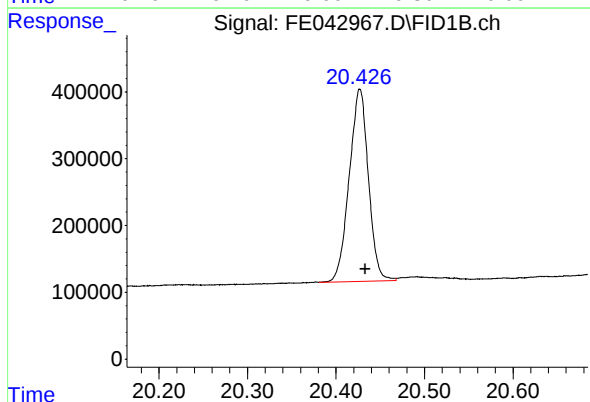
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.007 min
Response: 4442276
Conc: 32.46 ug/ml

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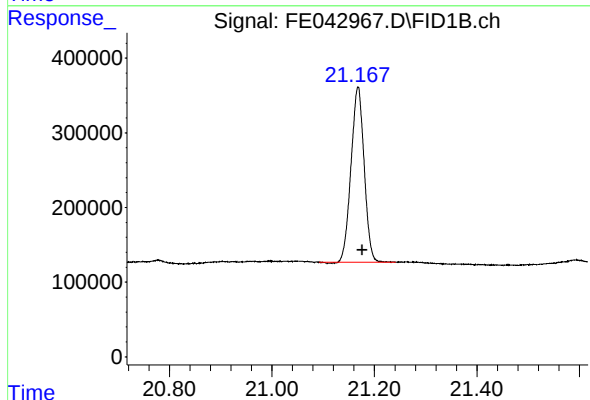
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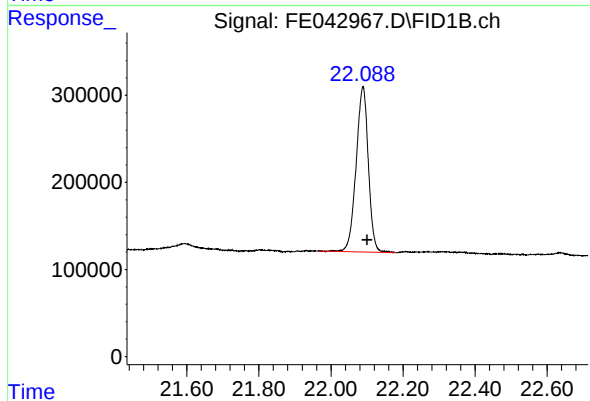
#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.007 min
Response: 4329070
Conc: 32.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.008 min
Response: 4170416
Conc: 30.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.012 min
Response: 4477865
Conc: 32.19 ug/ml