

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047197.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 13:30
 Operator : YP\AJ
 Sample : P1326-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e
 Quant Time: Mar 19 04:03:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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			
9) S ortho-Terphenyl (SURR)	11.977	5296071	32.099 ug/ml
Spiked Amount 50.000		Recovery =	64.20%
12) S 1-chlorooctadecane (S...	13.410	4264733	33.449 ug/mlm
Spiked Amount 50.000		Recovery =	66.90%
Target Compounds			
1) T n-Nonane (C9)	3.368	5592256	37.195 ug/ml
2) T n-Decane (C10)	4.619	6542303	42.672 ug/ml
3) T A~Naphthalene (C11.7)	6.319	7163122	44.928 ug/ml
4) T n-Dodecane (C12)	6.782	7222759	46.941 ug/ml
5) T A~2-methylnaphthalene...	7.415	7310778	47.637 ug/ml
6) T n-Tetradecane (C14)	8.610	7477253	49.075 ug/ml
7) T n-Hexadecane (C16)	10.217	7627937	48.460 ug/ml
8) T n-Octadecane (C18)	11.659	7976016	50.084 ug/ml
10) T n-Eicosane (C20)	12.967	8091261	52.641 ug/ml
11) T n-Heneicosane (C21)	13.579	7912344	52.293 ug/ml
13) T n-Docosane (C22)	14.164	7827253	52.024 ug/ml
14) T n-Tetracosane (C24)	15.265	7562065	50.637 ug/mlm
15) T n-Hexacosane (C26)	16.284	7559819	51.895 ug/ml
16) T n-Octacosane (C28)	17.232	7557345	53.560 ug/ml
17) T n-Tricontane (C30)	18.118	7408189	52.405 ug/ml
18) T n-Dotriacontane (C32)	18.948	7294826	52.897 ug/ml
19) T n-Tetratriacontane (C34)	19.731	7192359	55.089 ug/ml
20) T n-Hexatriacontane (C36)	20.469	6916262	55.518 ug/mlm
21) T n-Octatriacontane (C38)	21.210	6948614	55.960 ug/ml
22) T n-Tetracontane (C40)	22.139	6833967	58.103 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1326-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

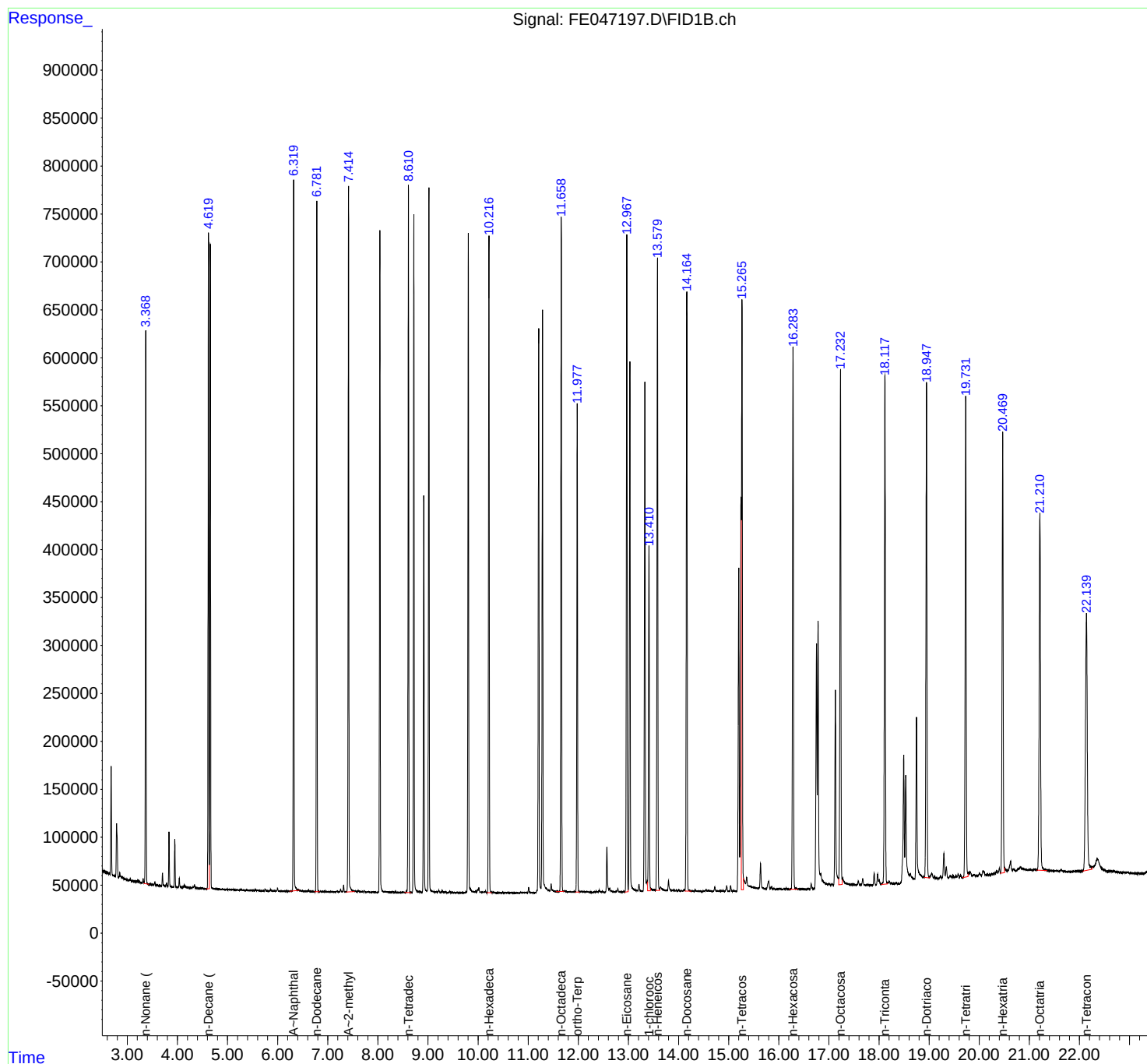
Instrument :
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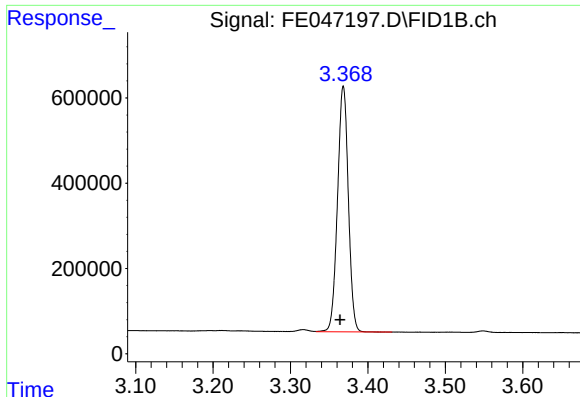
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#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.004 min
Response: 5592256
Conc: 37.20 ug/ml

Instrument :

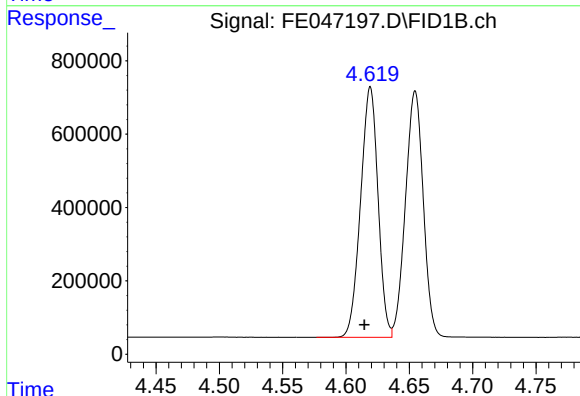
FID_E

ClientSampleId :

1MS

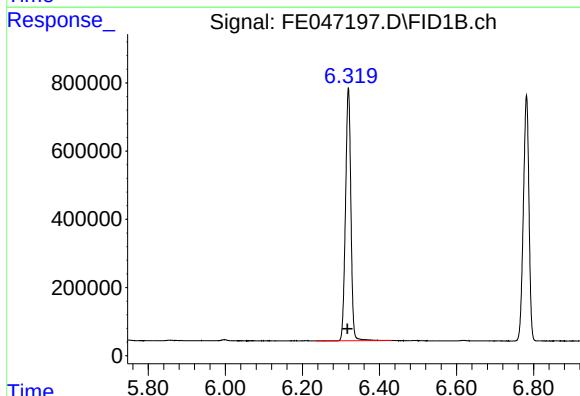
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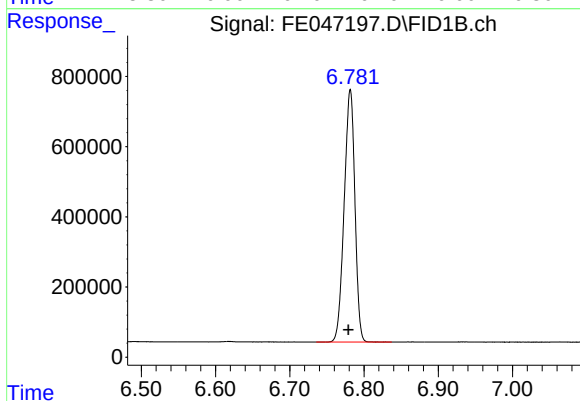
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.005 min
Response: 6542303
Conc: 42.67 ug/ml



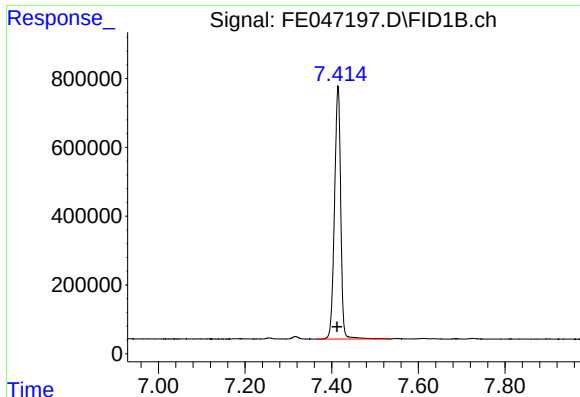
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 7163122
Conc: 44.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 7222759
Conc: 46.94 ug/ml



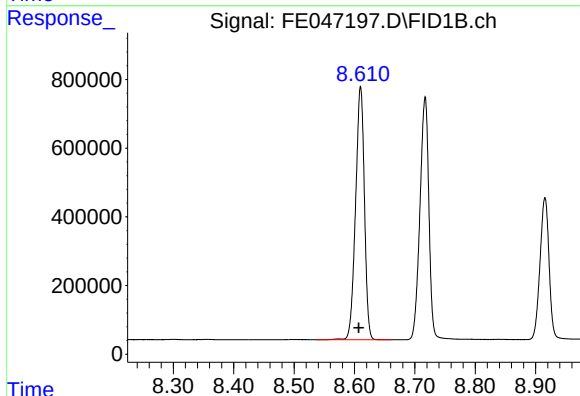
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.415 min
Delta R.T.: 0.003 min
Response: 7310778
Conc: 47.64 ug/ml

Instrument :
FID_E
ClientSampleId :
1MS

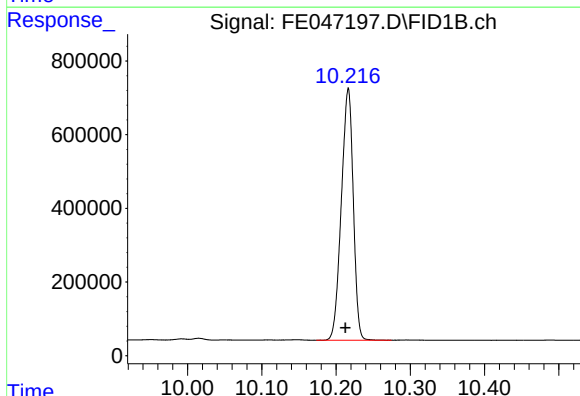
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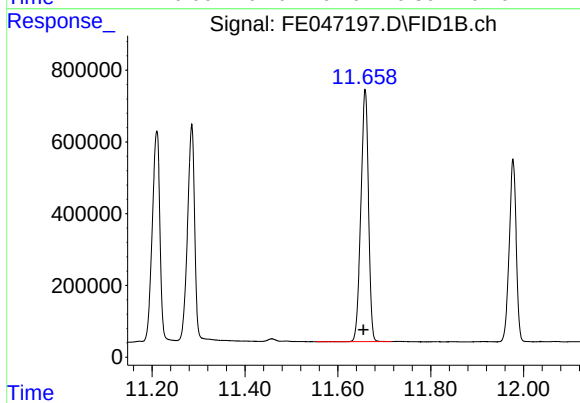
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.003 min
Response: 7477253
Conc: 49.07 ug/ml



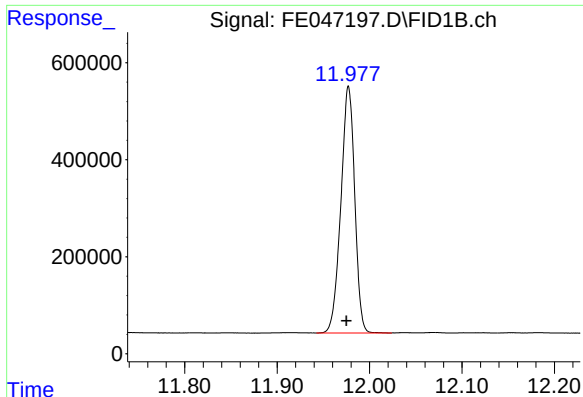
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.004 min
Response: 7627937
Conc: 48.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: 0.004 min
Response: 7976016
Conc: 50.08 ug/ml



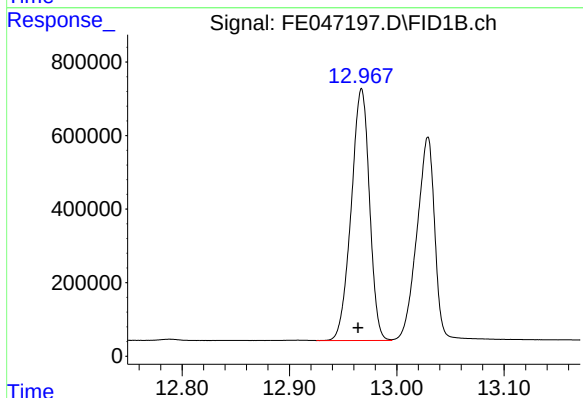
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 5296071
Conc: 32.10 ug/ml

Instrument :
FID_E
ClientSampleId :
1MS

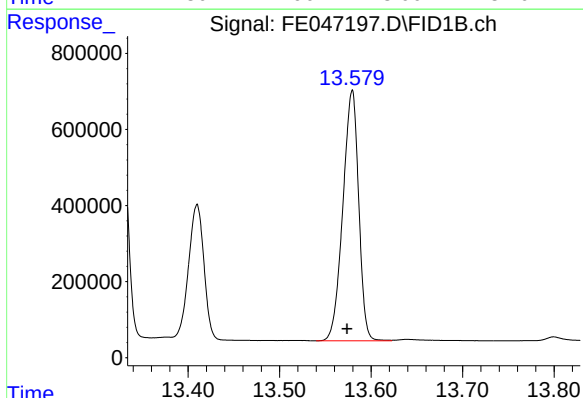
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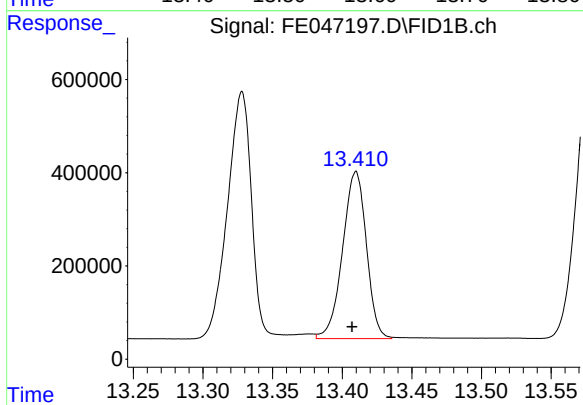
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 8091261
Conc: 52.64 ug/ml



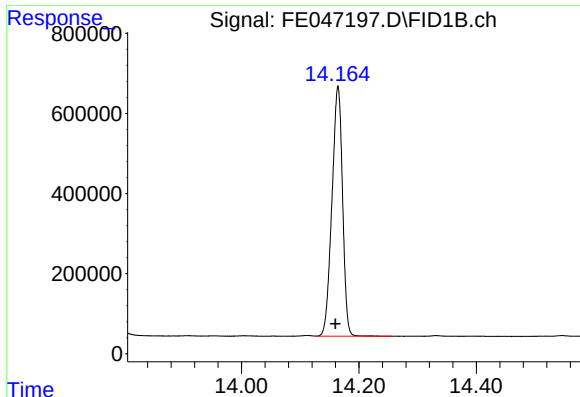
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.006 min
Response: 7912344
Conc: 52.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 4264733
Conc: 33.45 ug/ml m



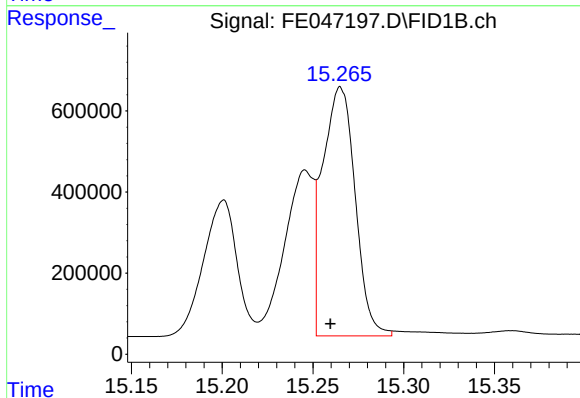
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.005 min
Response: 7827253
Conc: 52.02 ug/ml

Instrument :
FID_E
ClientSampleId :
1MS

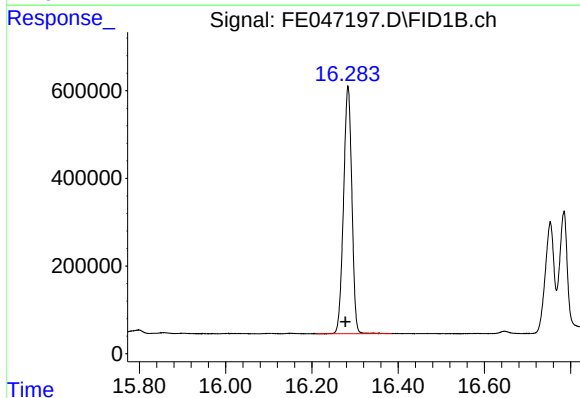
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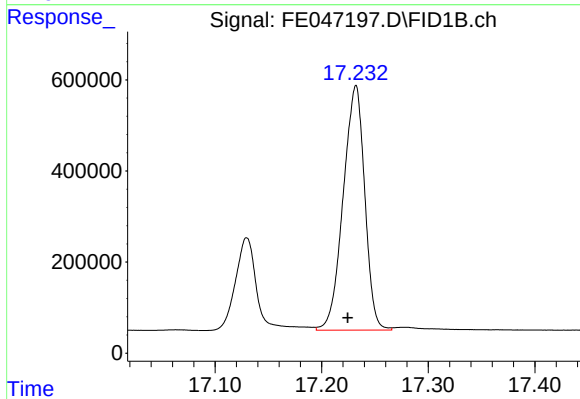
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.005 min
Response: 7562065
Conc: 50.64 ug/ml m



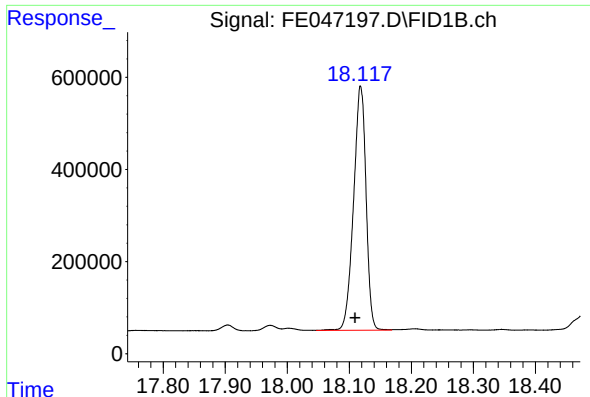
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 7559819
Conc: 51.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: 0.008 min
Response: 7557345
Conc: 53.56 ug/ml



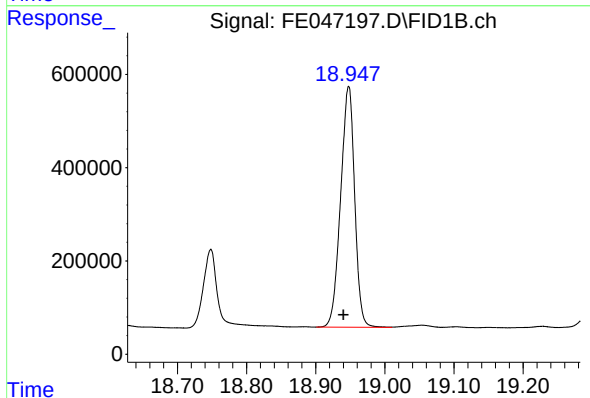
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: 0.009 min
Response: 7408189
Conc: 52.41 ug/ml

Instrument :
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1MS

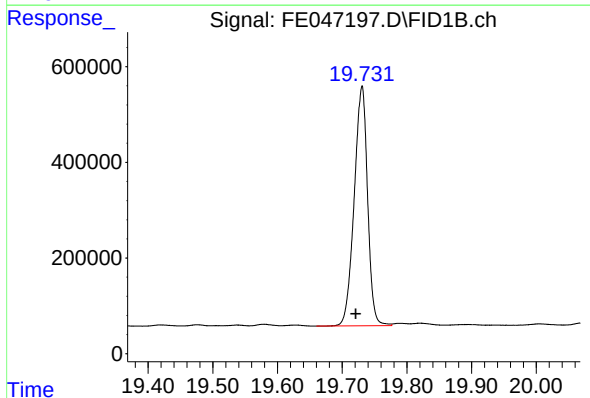
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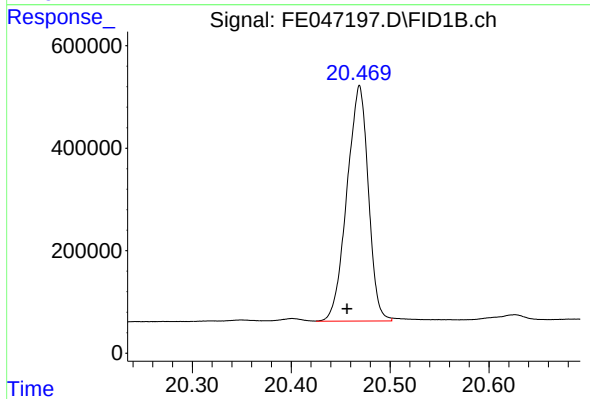
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: 0.008 min
Response: 7294826
Conc: 52.90 ug/ml



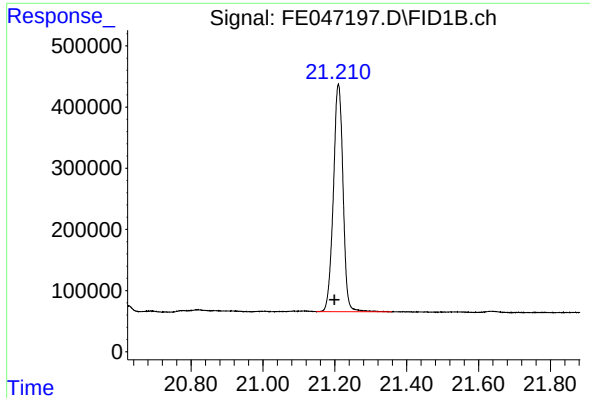
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.010 min
Response: 7192359
Conc: 55.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.012 min
Response: 6916262
Conc: 55.52 ug/ml m



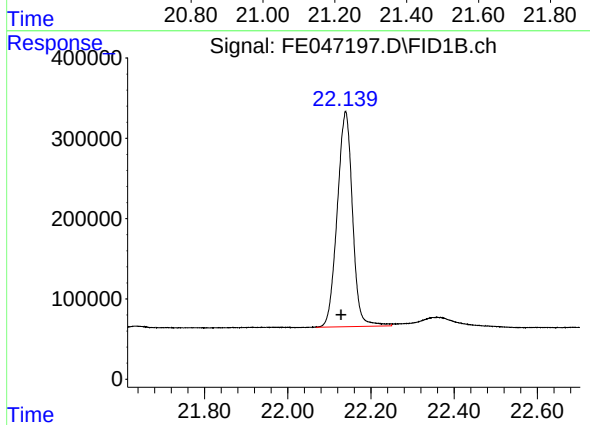
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.011 min
Response: 6948614
Conc: 55.96 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: 0.011 min
Response: 6833967
Conc: 58.10 ug/ml m