

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036374.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 04:01:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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			
9) S ortho-Terphenyl (SURR)	11.873	3219172	16.112 ug/ml
Spiked Amount 50.000		Recovery =	32.22%
12) S 1-chlorooctadecane (S...	13.311	2509346	16.208 ug/ml
Spiked Amount 50.000		Recovery =	32.42%
Target Compounds			
1) T n-Nonane (C9)	3.263	2868749	15.950 ug/ml
2) T n-Decane (C10)	4.517	2991560	16.642 ug/ml
3) T A~Naphthalene (C11.7)	6.219	3321363	16.554 ug/ml
4) T n-Dodecane (C12)	6.684	3075499	16.604 ug/ml
5) T A~2-methylnaphthalene...	7.315	3373347	16.571 ug/ml
6) T n-Tetradecane (C14)	8.511	3116235	16.669 ug/ml
7) T n-Hexadecane (C16)	10.117	3097938	16.542 ug/ml
8) T n-Octadecane (C18)	11.559	3062827	16.463 ug/ml
10) T n-Eicosane (C20)	12.868	2971309	16.401 ug/ml
11) T n-Heneicosane (C21)	13.478	2916378	16.236 ug/ml
13) T n-Docosane (C22)	14.065	2924560	16.542 ug/ml
14) T n-Tetracosane (C24)	15.165	2967465	17.326 ug/ml
15) T n-Hexacosane (C26)	16.186	2986899	18.078 ug/ml
16) T n-Octacosane (C28)	17.135	3071363	19.187 ug/ml
17) T n-Tricontane (C30)	18.023	3191649	20.615 ug/mlm
18) T n-Dotriacontane (C32)	18.855	3167084	21.672 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2904172	20.987 ug/ml
20) T n-Hexatriacontane (C36)	20.379	2723116	20.284 ug/ml
21) T n-Octatriacontane (C38)	21.110	2554026	19.205 ug/ml
22) T n-Tetracontane (C40)	22.002	3000698	21.460 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

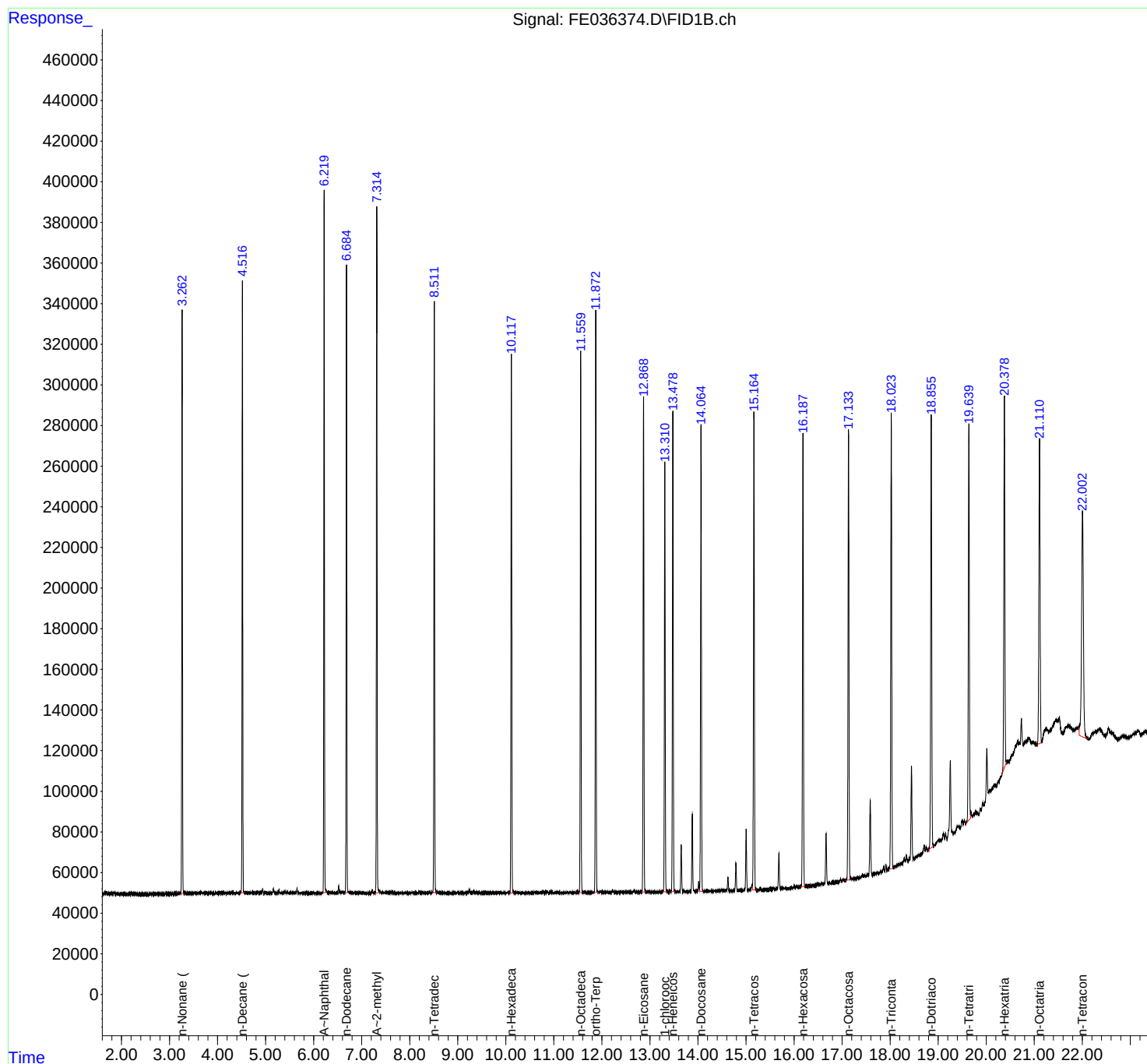
Instrument :
FID_E
ClientSampleId :

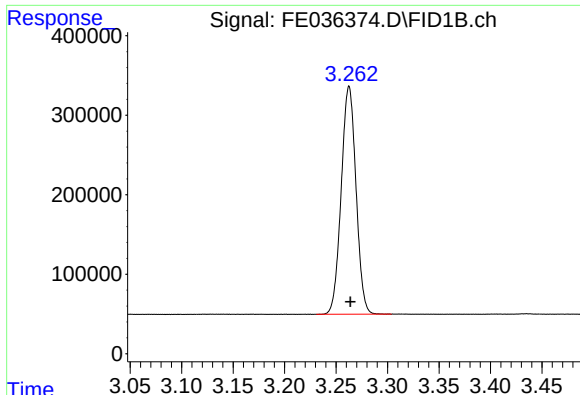
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#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 2868749
Conc: 15.95 ug/ml

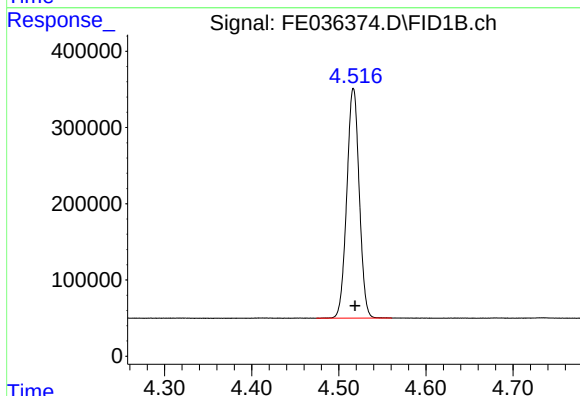
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FID_E

ClientSampleId :

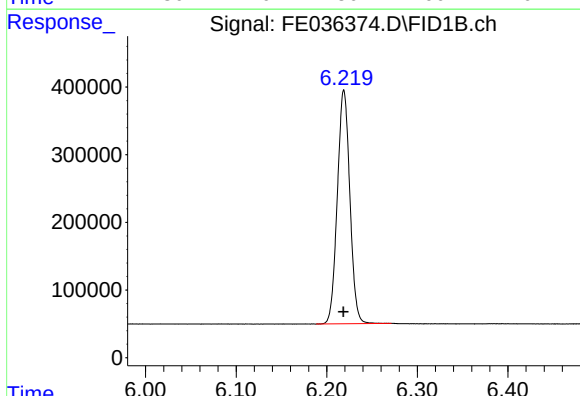
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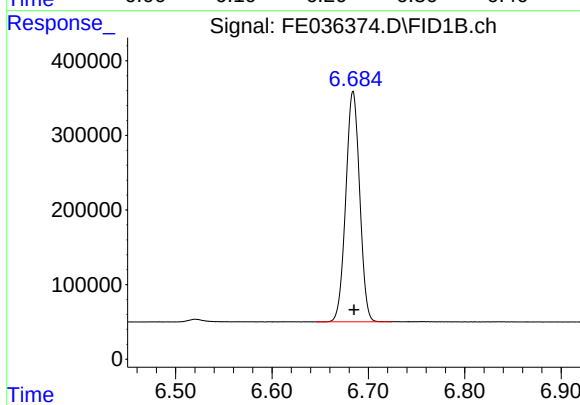
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 2991560
Conc: 16.64 ug/ml



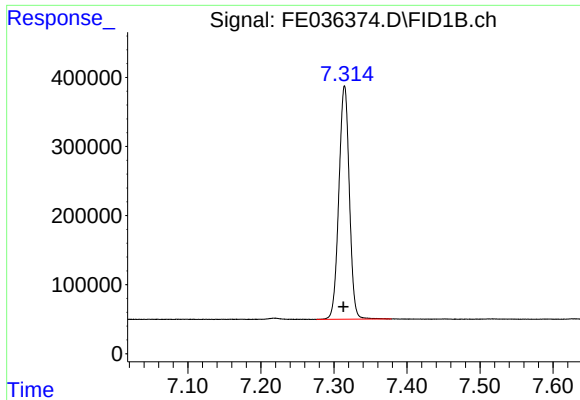
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 3321363
Conc: 16.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 3075499
Conc: 16.60 ug/ml



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

R.T.: 7.315 min
Delta R.T.: 0.001 min
Response: 3373347
Conc: 16.57 ug/ml

Instrument :

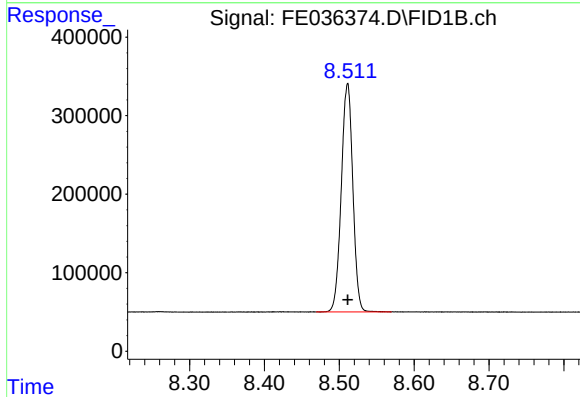
FID_E

ClientSampleId :

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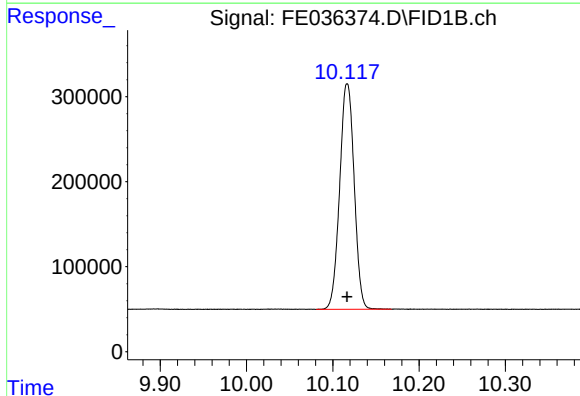
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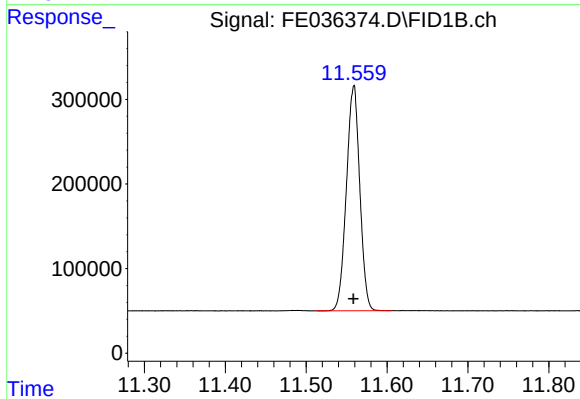
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 3116235
Conc: 16.67 ug/ml



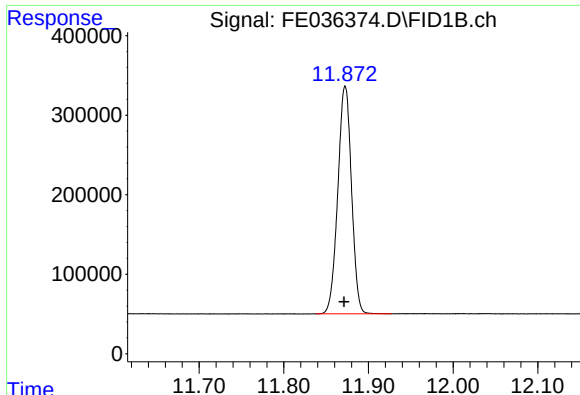
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 3097938
Conc: 16.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 3062827
Conc: 16.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.001 min
Response: 3219172
Conc: 16.11 ug/ml

Instrument :

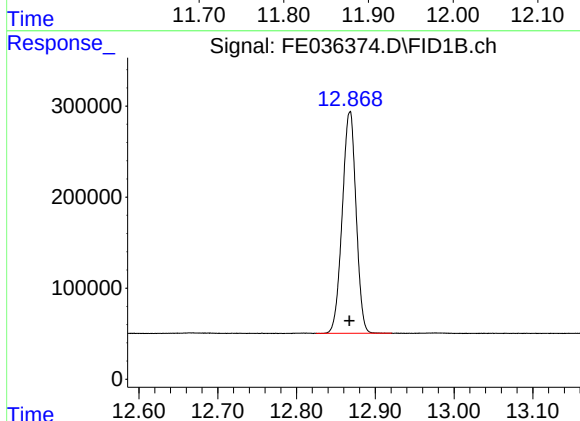
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ClientSampleId :

Manual Integrations

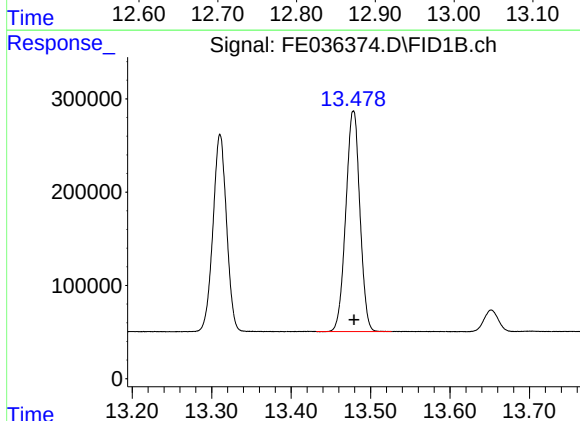
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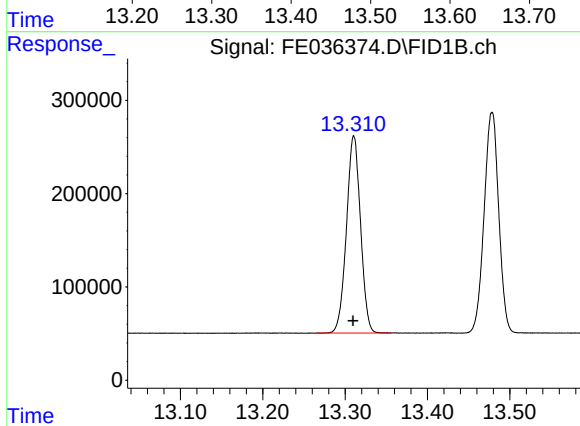
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 2971309
Conc: 16.40 ug/ml



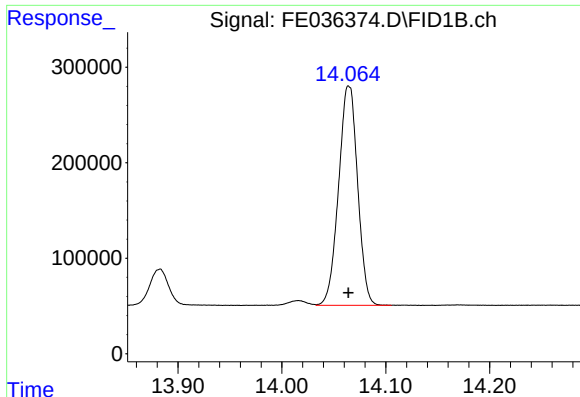
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 2916378
Conc: 16.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 2509346
Conc: 16.21 ug/ml



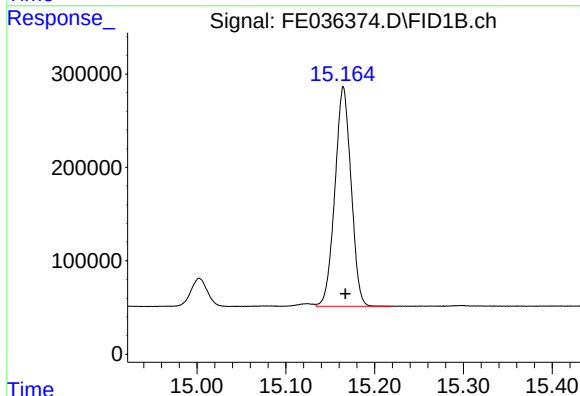
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 2924560
Conc: 16.54 ug/ml

Instrument :
FID_E
ClientSampleId :

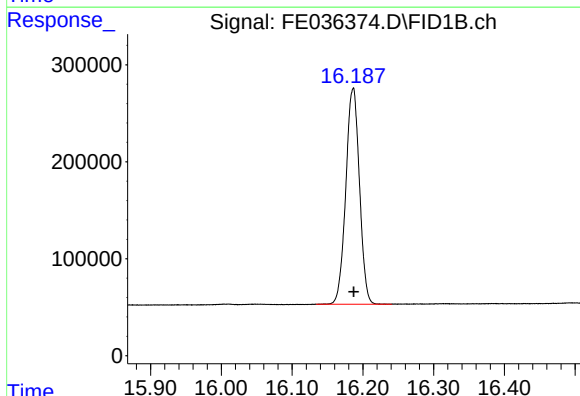
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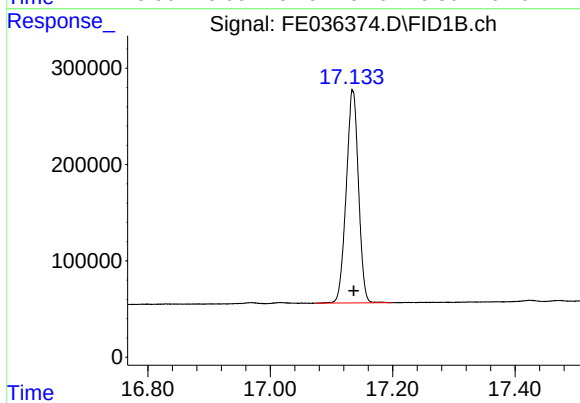
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 2967465
Conc: 17.33 ug/ml



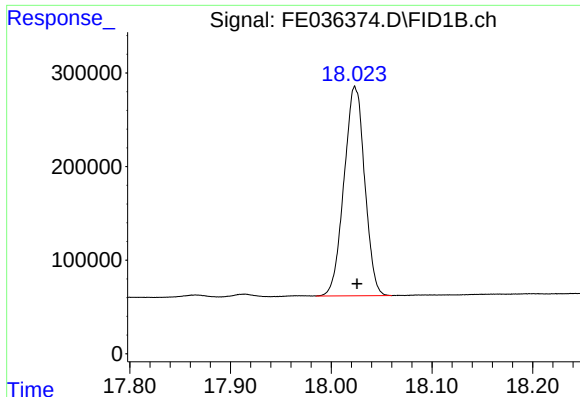
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: -0.001 min
Response: 2986899
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.002 min
Response: 3071363
Conc: 19.19 ug/ml



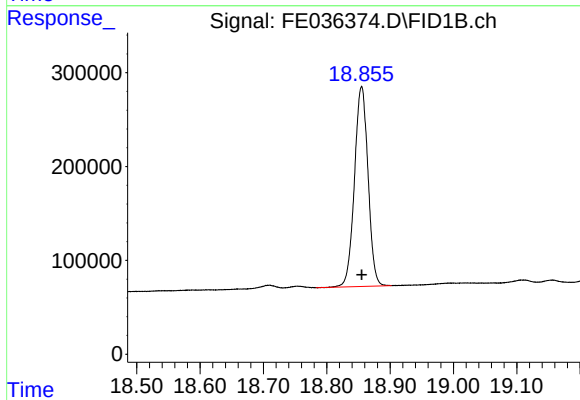
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.003 min
Response: 3191649
Conc: 20.62 ug/ml

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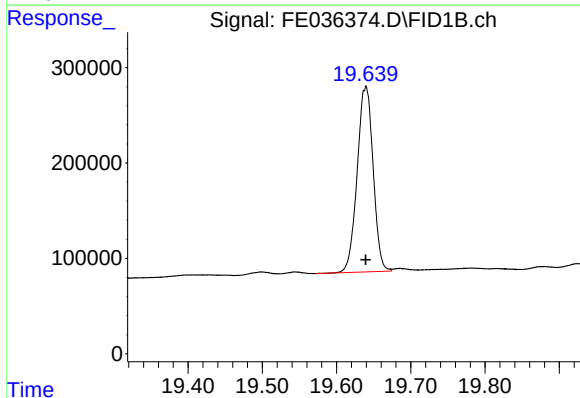
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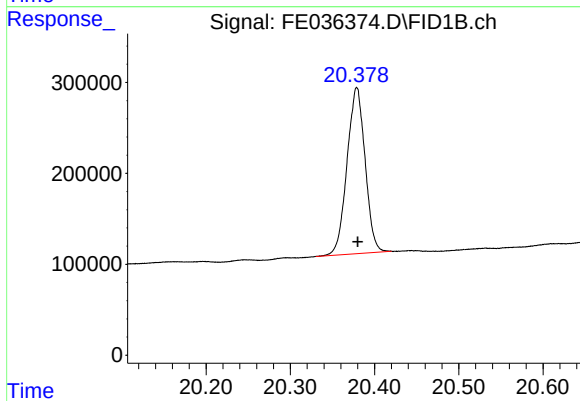
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: 0.000 min
Response: 3167084
Conc: 21.67 ug/ml



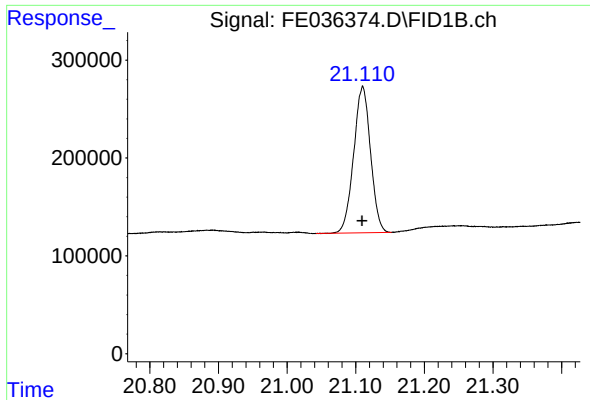
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: 0.000 min
Response: 2904172
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.001 min
Response: 2723116
Conc: 20.28 ug/ml



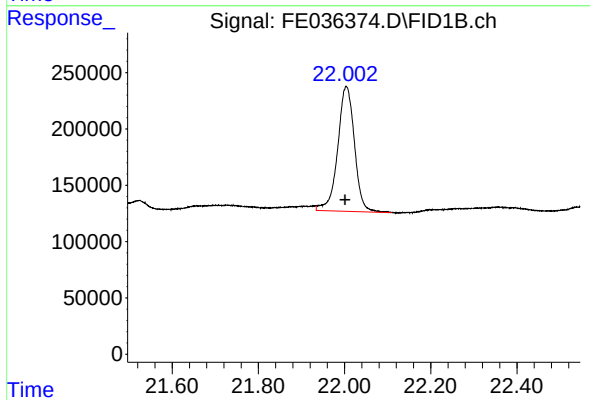
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: 0.000 min
Response: 2554026
Conc: 19.20 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.001 min
Response: 3000698
Conc: 21.46 ug/ml m