

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039488.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2022 16:17
 Operator : YP\AJ
 Sample : PB149911BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149911BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 02:17:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.928	4101367	27.483 ug/ml
Spiked Amount 50.000		Recovery =	54.97%
12) S 1-chlorooctadecane (S...	13.364	3244411	28.188 ug/ml
Spiked Amount 50.000		Recovery =	56.38%
Target Compounds			
1) T n-Nonane (C9)	3.330	3890709	30.100 ug/ml
2) T n-Decane (C10)	4.577	4334205	34.015 ug/ml
3) T A~Naphthalene (C11.7)	6.276	4022241	27.824 ug/ml
4) T n-Dodecane (C12)	6.738	5055059	38.938 ug/ml
5) T A~2-methylnaphthalene...	7.370	4063171	30.002 ug/ml
6) T n-Tetradecane (C14)	8.564	5280717	39.851 ug/ml
7) T n-Hexadecane (C16)	10.170	5628011	40.909 ug/ml
8) T n-Octadecane (C18)	11.612	5914510	42.228 ug/ml
10) T n-Eicosane (C20)	12.921	5817912	42.620 ug/ml
11) T n-Heneicosane (C21)	13.532	5691238	41.727 ug/ml
13) T n-Docosane (C22)	14.120	5812967	42.972 ug/ml
14) T n-Tetracosane (C24)	15.221	5133851	38.244 ug/mlm
15) T n-Hexacosane (C26)	16.244	5693648	43.727 ug/ml
16) T n-Octacosane (C28)	17.192	5624931	43.705 ug/ml
17) T n-Tricontane (C30)	18.079	5394007	41.895 ug/mlm
18) T n-Dotriacontane (C32)	18.913	5300050	40.927 ug/ml
19) T n-Tetratriacontane (C34)	19.697	4871856	38.616 ug/ml
20) T n-Hexatriacontane (C36)	20.435	4080703	33.748 ug/ml
21) T n-Octatriacontane (C38)	21.171	3701988	29.976 ug/ml
22) T n-Tetracontane (C40)	22.080	3326105	26.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

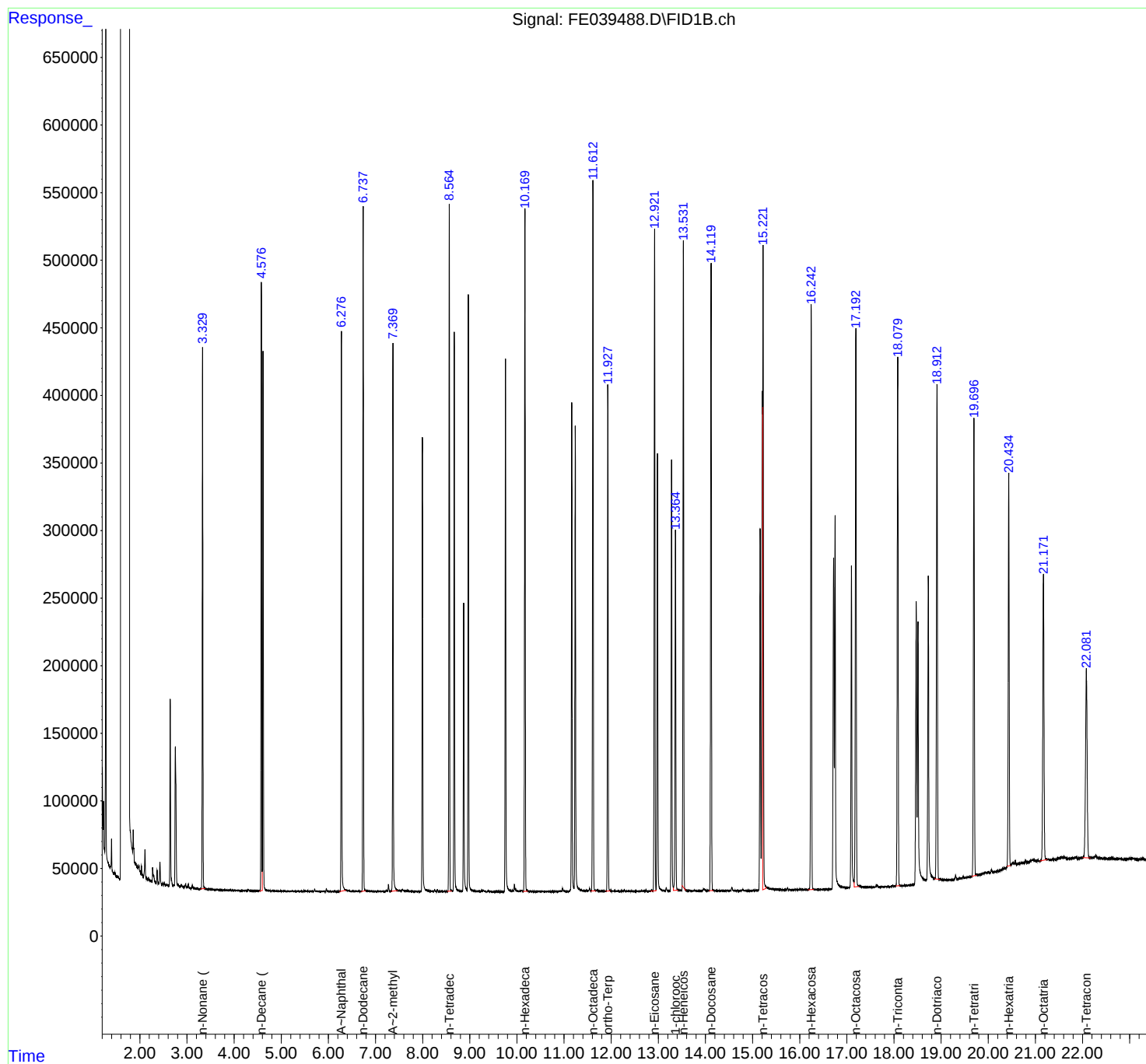
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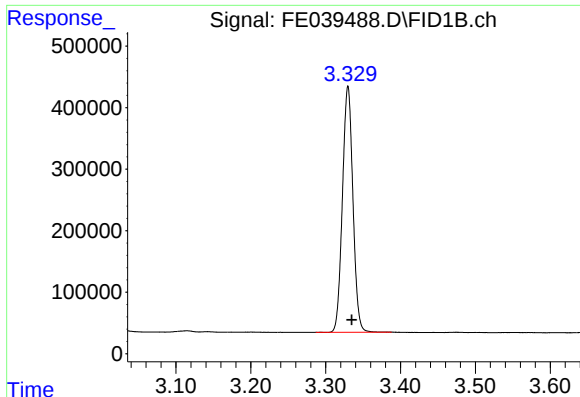
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#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 3890709
Conc: 30.10 ug/ml

Instrument :

FID_E

ClientSampleId :

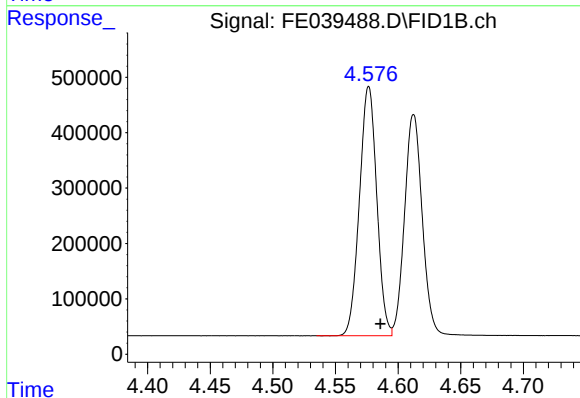
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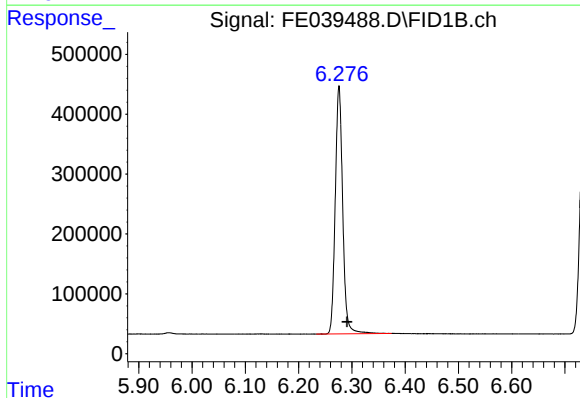
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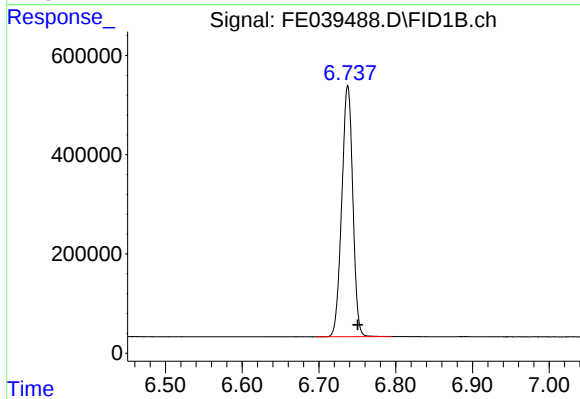
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.009 min
Response: 4334205
Conc: 34.01 ug/ml



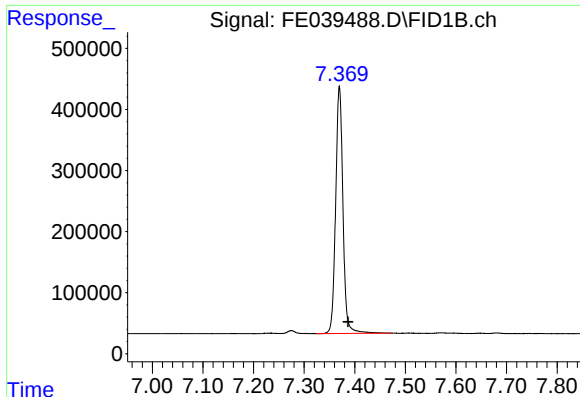
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.015 min
Response: 4022241
Conc: 27.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.013 min
Response: 5055059
Conc: 38.94 ug/ml



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

R.T.: 7.370 min
Delta R.T.: -0.017 min
Response: 4063171
Conc: 30.00 ug/ml

Instrument :

FID_E

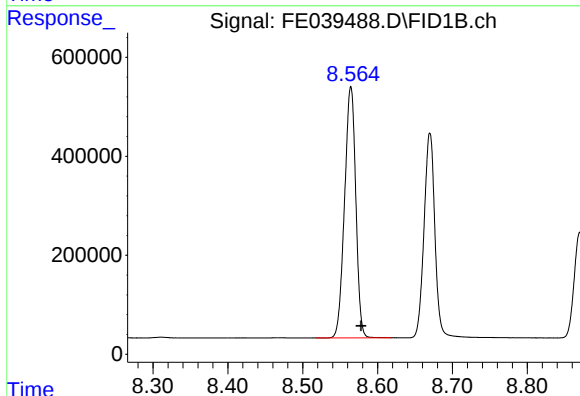
ClientSampleId :

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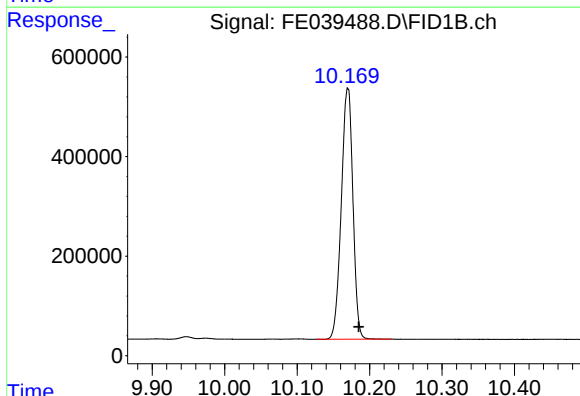
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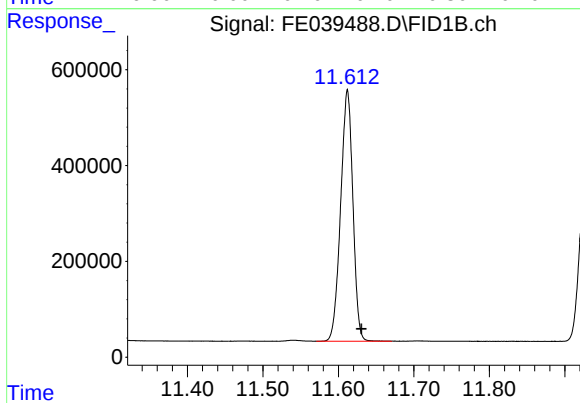
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 5280717
Conc: 39.85 ug/ml



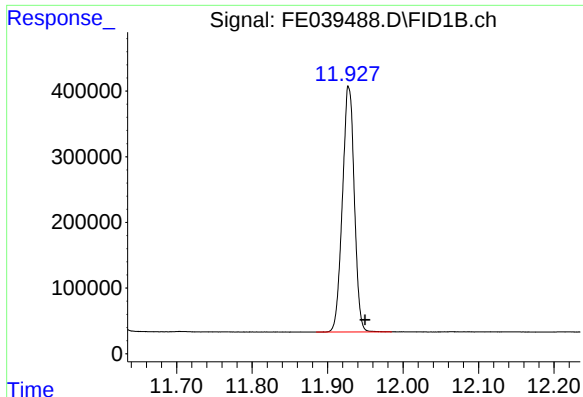
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.015 min
Response: 5628011
Conc: 40.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.018 min
Response: 5914510
Conc: 42.23 ug/ml



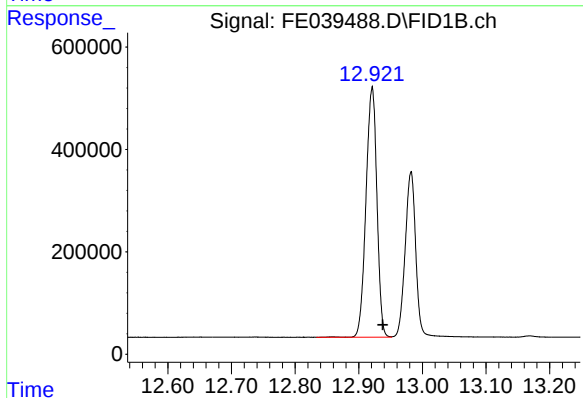
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.022 min
Response: 4101367
Conc: 27.48 ug/ml

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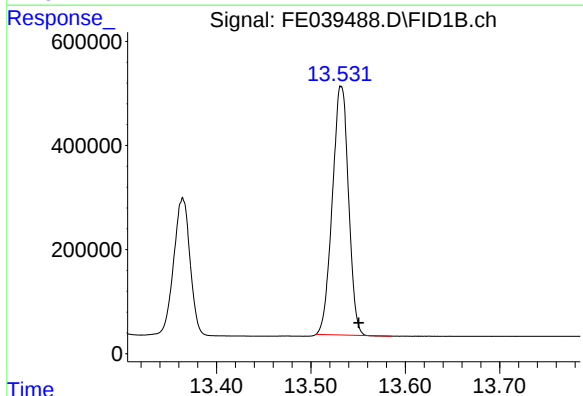
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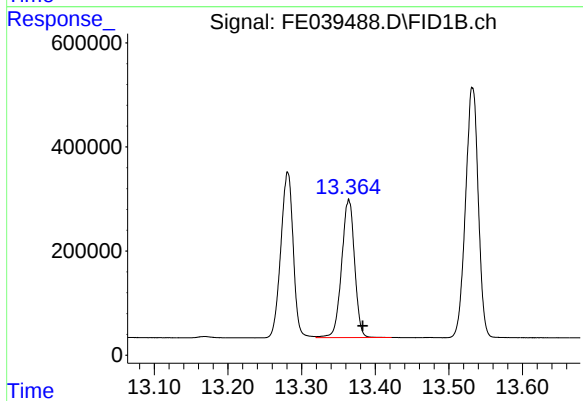
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.016 min
Response: 5817912
Conc: 42.62 ug/ml



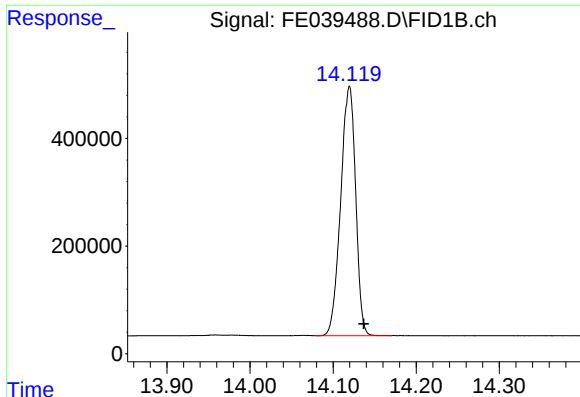
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.019 min
Response: 5691238
Conc: 41.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.019 min
Response: 3244411
Conc: 28.19 ug/ml



#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.017 min
Response: 5812967
Conc: 42.97 ug/ml

Instrument :

FID_E

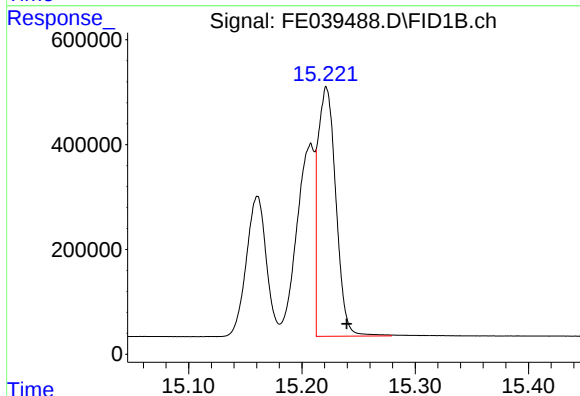
ClientSampleId :

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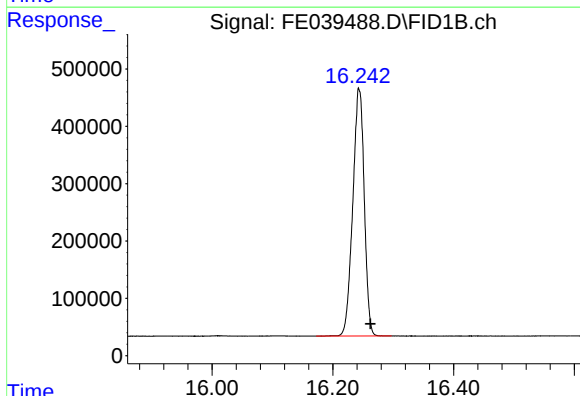
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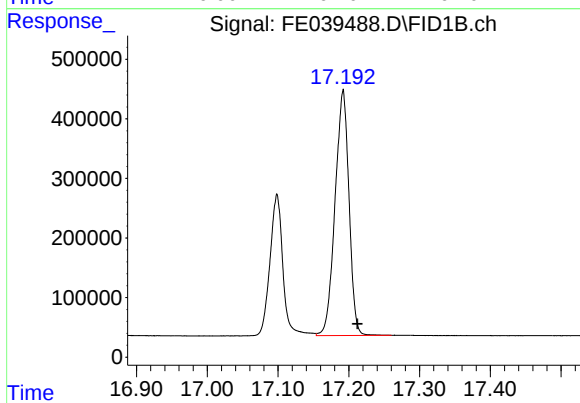
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.019 min
Response: 5133851
Conc: 38.24 ug/ml m



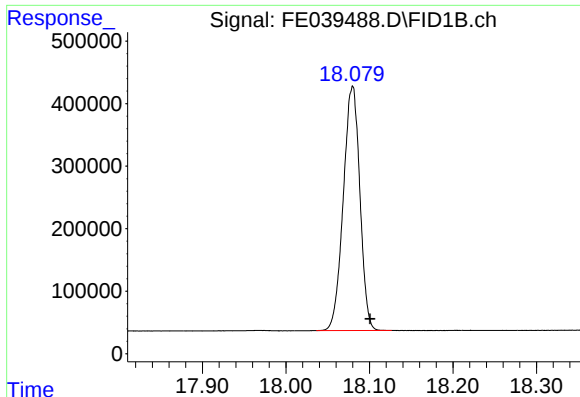
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.019 min
Response: 5693648
Conc: 43.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.020 min
Response: 5624931
Conc: 43.71 ug/ml



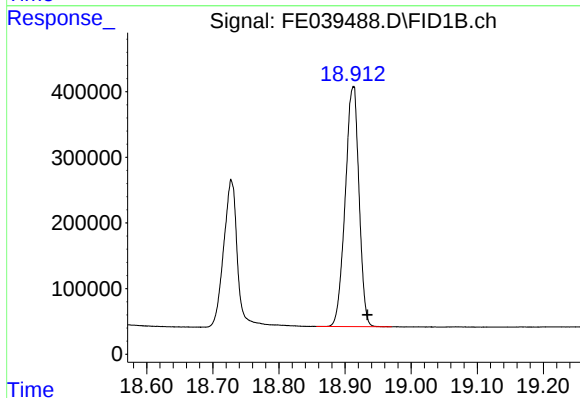
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.021 min
Response: 5394007
Conc: 41.90 ug/ml

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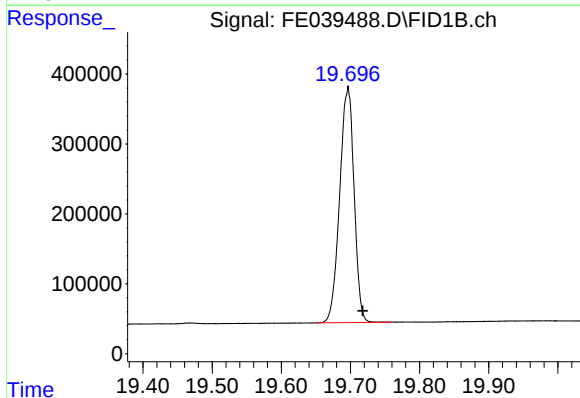
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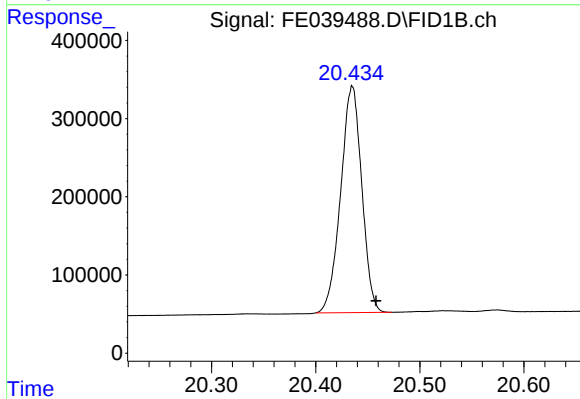
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.021 min
Response: 5300050
Conc: 40.93 ug/ml



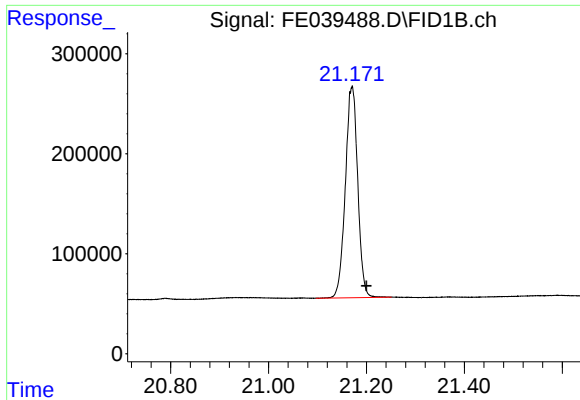
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.021 min
Response: 4871856
Conc: 38.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.023 min
Response: 4080703
Conc: 33.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.029 min
Response: 3701988
Conc: 29.98 ug/ml

Instrument :

FID_E

ClientSampleId :

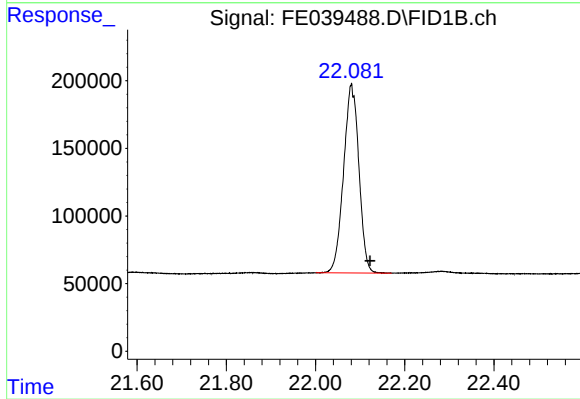
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#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.042 min
Response: 3326105
Conc: 26.49 ug/ml