

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038401.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2022 20:15
 Operator : YP\AJ
 Sample : PB148609BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148609BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:39:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.976	6252572	36.337 ug/ml
Spiked Amount 50.000		Recovery =	72.67%
12) S 1-chlorooctadecane (S...	13.406	5077940	37.092 ug/ml
Spiked Amount 50.000		Recovery =	74.18%
Target Compounds			
1) T n-Nonane (C9)	3.379	4654898	30.224 ug/ml
2) T n-Decane (C10)	4.623	4825499	31.088 ug/ml
3) T A~Naphthalene (C11.7)	6.323	5409683	31.943 ug/ml
4) T n-Dodecane (C12)	6.781	5203200	33.308 ug/ml
5) T A~2-methylnaphthalene...	7.417	5474258	32.666 ug/ml
6) T n-Tetradecane (C14)	8.609	5761149	36.839 ug/ml
7) T n-Hexadecane (C16)	10.214	6297829	39.862 ug/ml
8) T n-Octadecane (C18)	11.655	6593254	41.162 ug/ml
10) T n-Eicosane (C20)	12.964	6436240	39.945 ug/ml
11) T n-Heneicosane (C21)	13.575	6365253	39.405 ug/ml
13) T n-Docosane (C22)	14.160	6284381	38.927 ug/ml
14) T n-Tetracosane (C24)	15.249	11714319	73.033 ug/ml
15) T n-Hexacosane (C26)	16.282	5950922	37.466 ug/ml
16) T n-Octacosane (C28)	17.229	5861898	37.363 ug/ml
17) T n-Tricontane (C30)	18.115	5640006	35.348 ug/ml
18) T n-Dotriacontane (C32)	18.945	5615727	35.617 ug/ml
19) T n-Tetratriacontane (C34)	19.728	5592058	37.932 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5399784	37.791 ug/ml
21) T n-Octatriacontane (C38)	21.211	5417952	40.114 ug/ml
22) T n-Tetracontane (C40)	22.140	5641188	44.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB148609BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

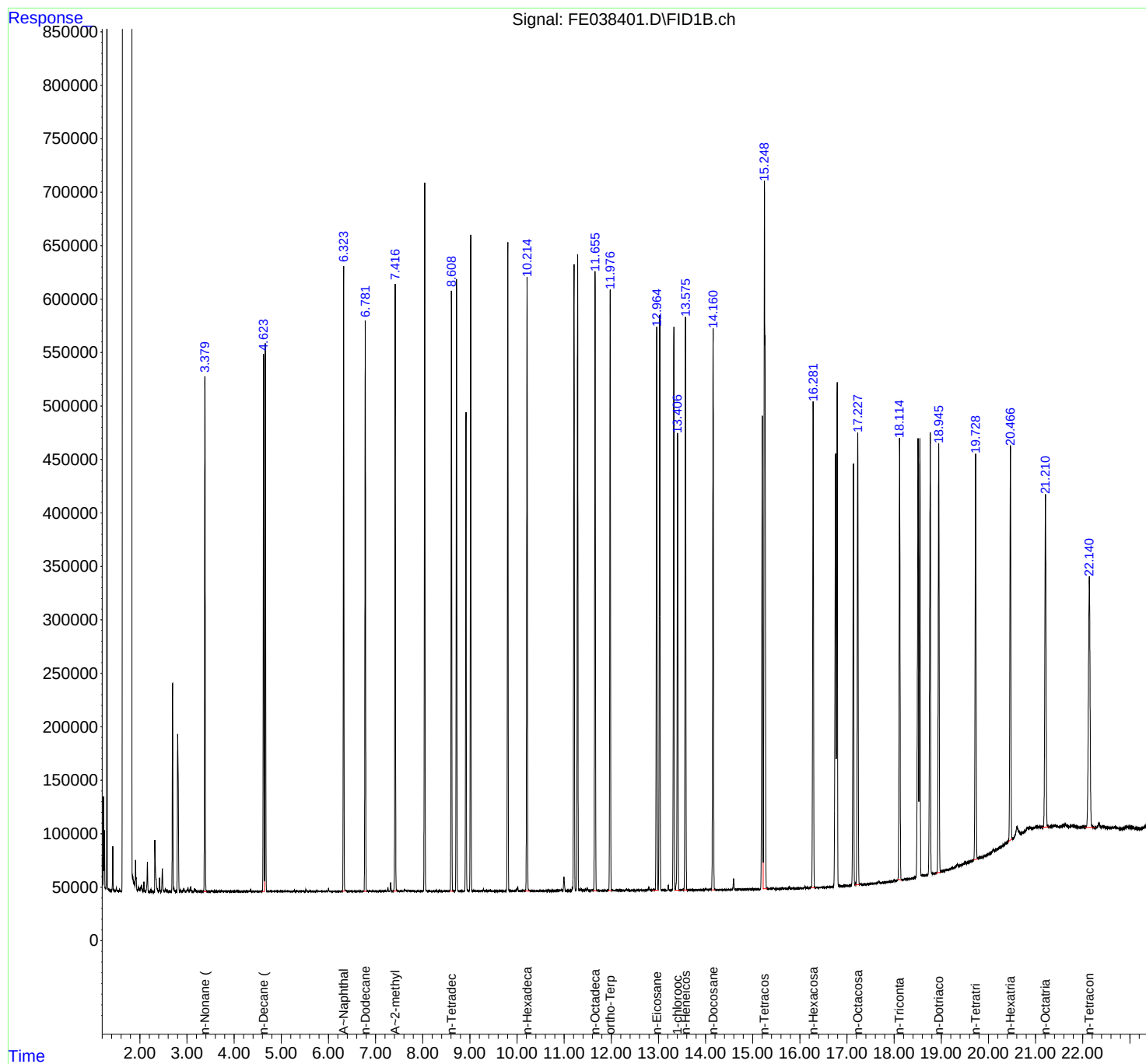
Instrument :
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ClientSampleId :
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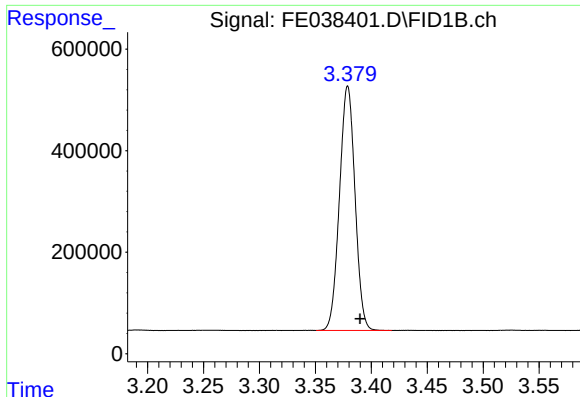
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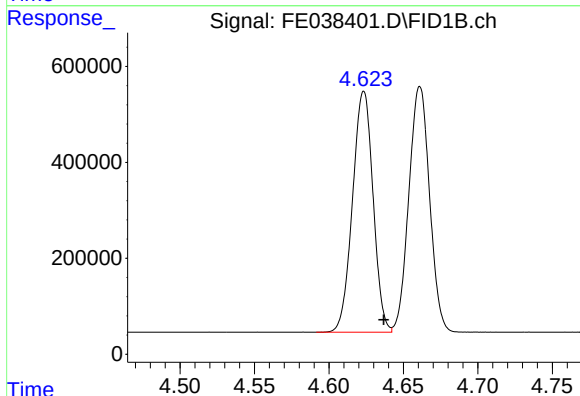
#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 4654898
Conc: 30.22 ug/ml

Instrument :
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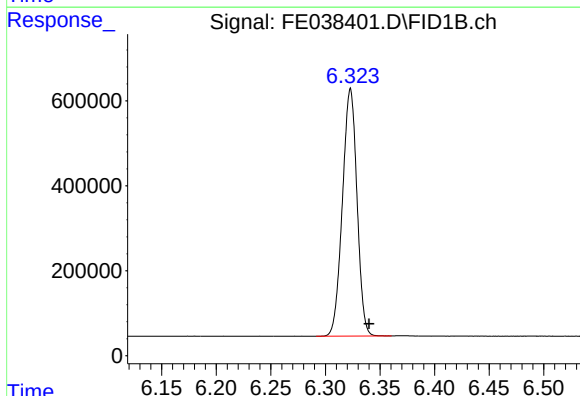
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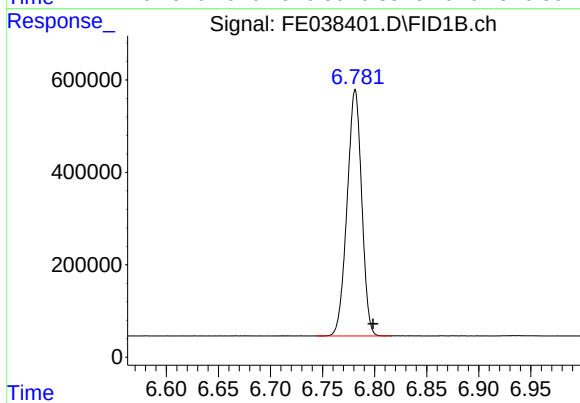
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.013 min
Response: 4825499
Conc: 31.09 ug/ml



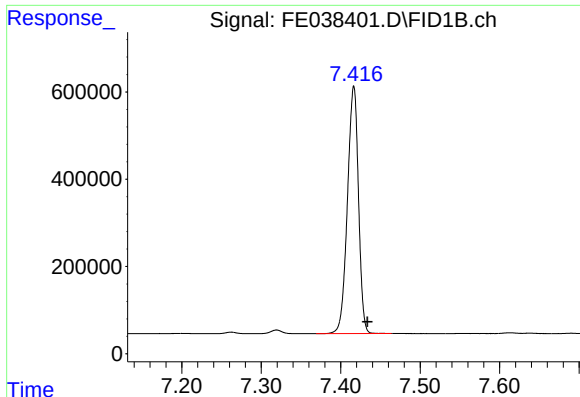
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: -0.017 min
Response: 5409683
Conc: 31.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.017 min
Response: 5203200
Conc: 33.31 ug/ml



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

R.T.: 7.417 min
Delta R.T.: -0.017 min
Response: 5474258
Conc: 32.67 ug/ml

Instrument :

FID_E

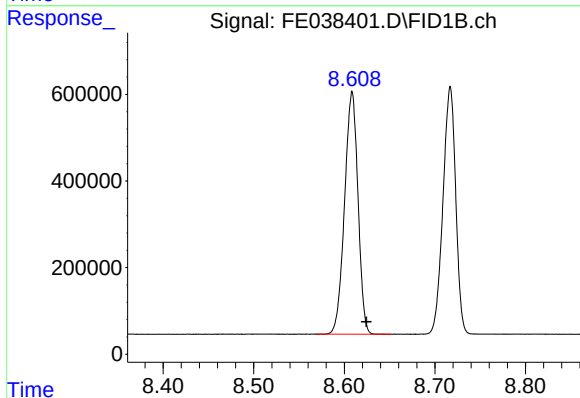
ClientSampleId :

PB148609BSD

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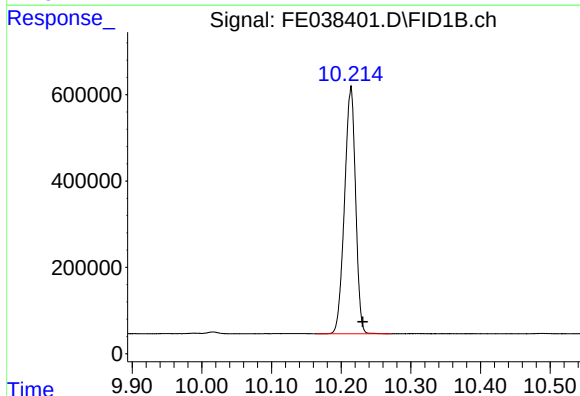
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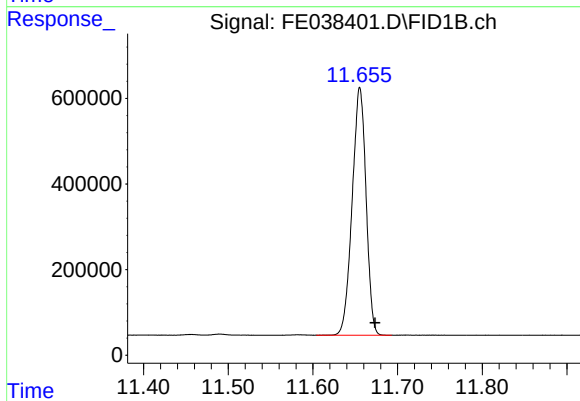
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.016 min
Response: 5761149
Conc: 36.84 ug/ml



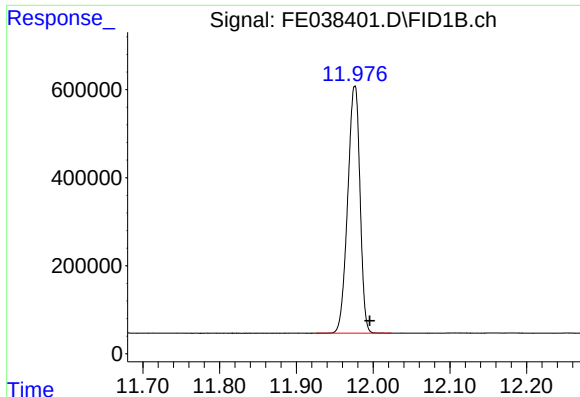
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: -0.017 min
Response: 6297829
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 6593254
Conc: 41.16 ug/ml



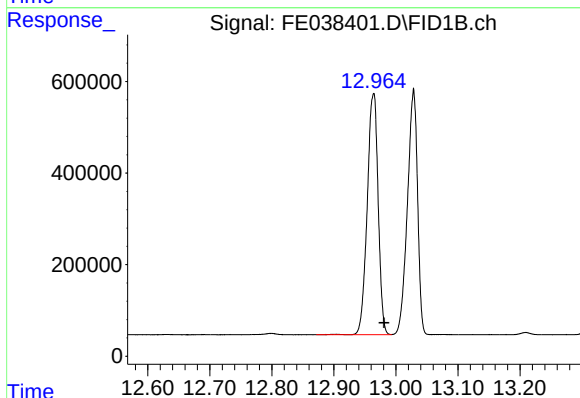
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.019 min
Response: 6252572
Conc: 36.34 ug/ml

Instrument :
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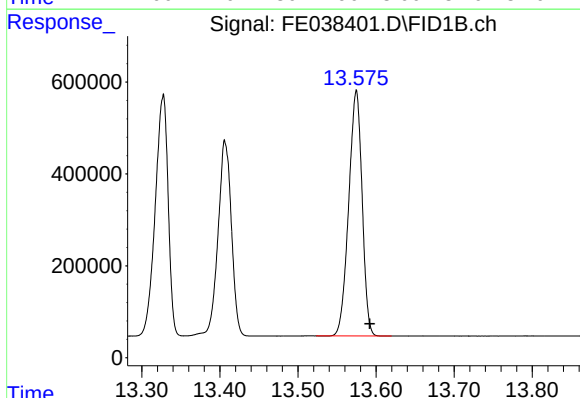
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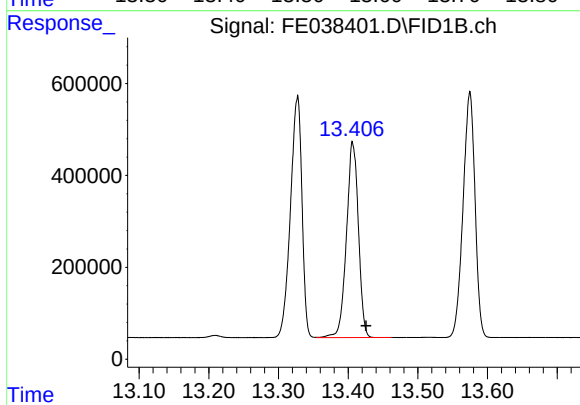
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 6436240
Conc: 39.95 ug/ml



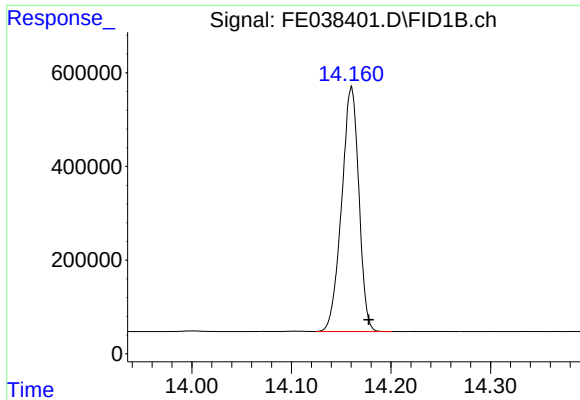
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 6365253
Conc: 39.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.019 min
Response: 5077940
Conc: 37.09 ug/ml



#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.017 min
Response: 6284381
Conc: 38.93 ug/ml

Instrument :

FID_E

ClientSampleId :

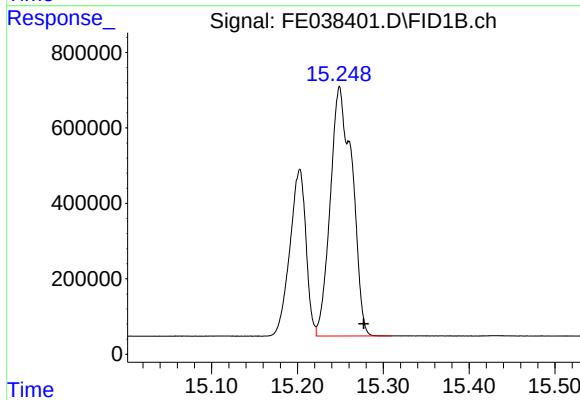
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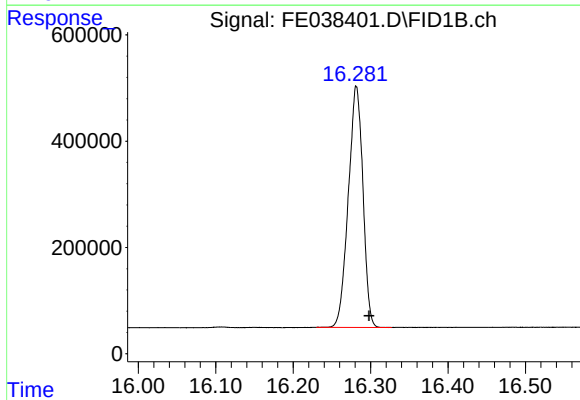
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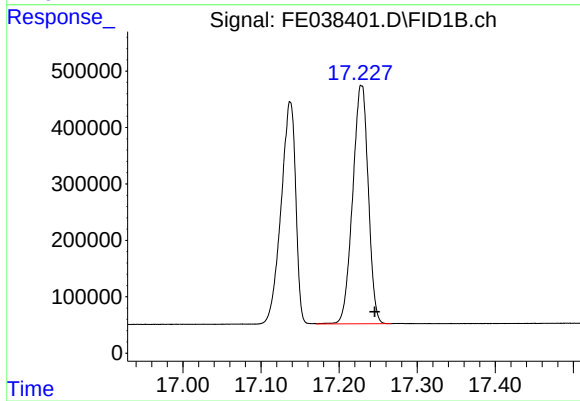
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.028 min
Response: 11714319
Conc: 73.03 ug/ml



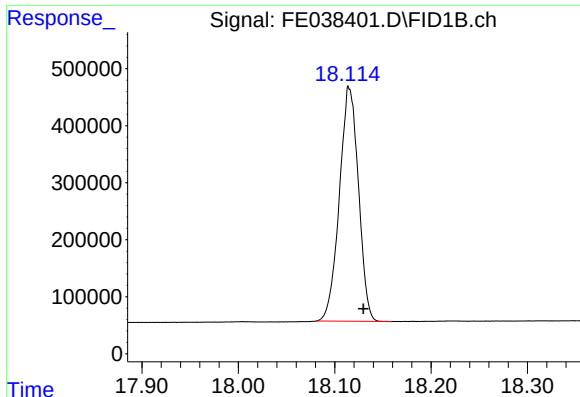
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: -0.017 min
Response: 5950922
Conc: 37.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: -0.017 min
Response: 5861898
Conc: 37.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.015 min
Response: 5640006
Conc: 35.35 ug/ml

Instrument :

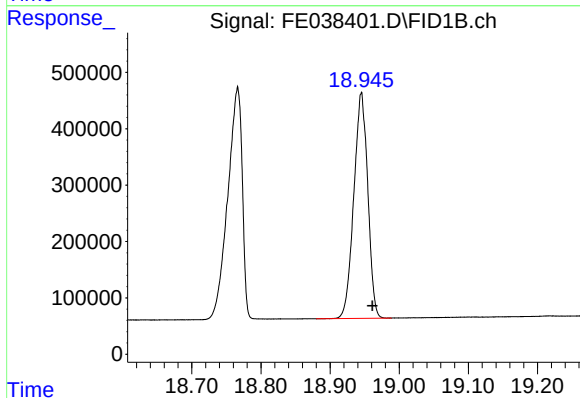
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ClientSampleId :

PB148609BSD

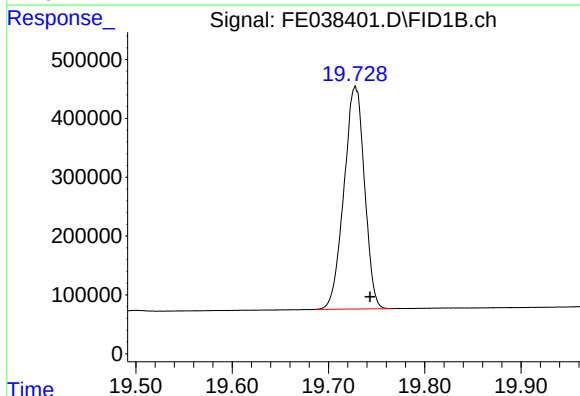
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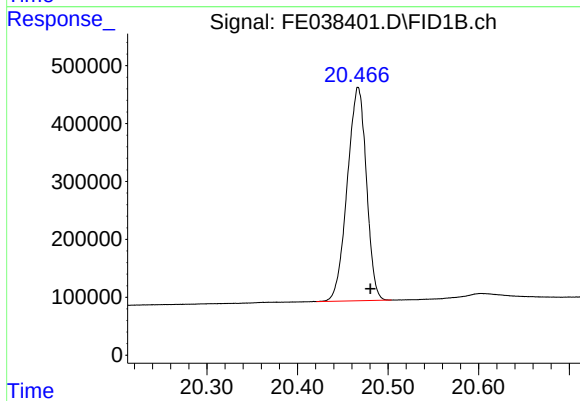
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.016 min
Response: 5615727
Conc: 35.62 ug/ml



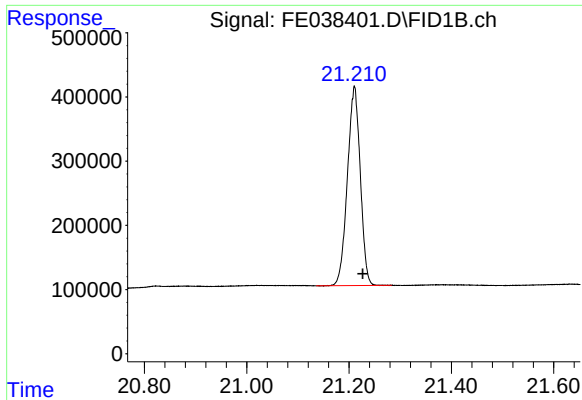
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.016 min
Response: 5592058
Conc: 37.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 5399784
Conc: 37.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 5417952
Conc: 40.11 ug/ml

Instrument :

FID_E

ClientSampleId :

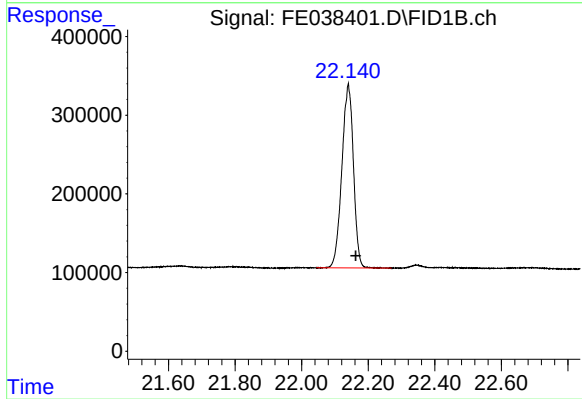
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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.022 min
Response: 5641188
Conc: 44.69 ug/ml