

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043871.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 01:55
 Operator : YP\AJ
 Sample : PB154744BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154744BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 11 03:15:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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			
9) S ortho-Terphenyl (SURR)	11.950	9527458	46.233 ug/ml
Spiked Amount 50.000		Recovery =	92.47%
12) S 1-chlorooctadecane (S...	13.387	7350654	47.105 ug/ml
Spiked Amount 50.000		Recovery =	94.21%
Target Compounds			
1) T n-Nonane (C9)	3.342	6988549	43.276 ug/ml
2) T n-Decane (C10)	4.590	7506249	45.544 ug/ml
3) T A~Naphthalene (C11.7)	6.286	8553839	46.981 ug/ml
4) T n-Dodecane (C12)	6.749	8049449	48.096 ug/ml
5) T A~2-methylnaphthalene...	7.382	8588713	48.244 ug/ml
6) T n-Tetradecane (C14)	8.578	8397555	49.842 ug/ml
7) T n-Hexadecane (C16)	10.186	8681910	49.217 ug/ml
8) T n-Octadecane (C18)	11.632	8730931	48.198 ug/ml
10) T n-Eicosane (C20)	12.943	8745023	49.416 ug/ml
11) T n-Heneicosane (C21)	13.555	8373023	47.289 ug/ml
13) T n-Docosane (C22)	14.142	8241991	46.989 ug/ml
14) T n-Tetracosane (C24)	15.233	15558314	88.550 ug/ml
15) T n-Hexacosane (C26)	16.271	7642854	44.221 ug/ml
16) T n-Octacosane (C28)	17.221	7487191	44.748 ug/ml
17) T n-Tricontane (C30)	18.113	7234795	43.681 ug/ml
18) T n-Dotriacontane (C32)	18.945	6876947	43.555 ug/ml
19) T n-Tetratriacontane (C34)	19.730	6429436	43.267 ug/mlm
20) T n-Hexatriacontane (C36)	20.470	5972073	42.725 ug/mlm
21) T n-Octatriacontane (C38)	21.219	5975034	44.789 ug/ml
22) T n-Tetracontane (C40)	22.150	6468522	50.133 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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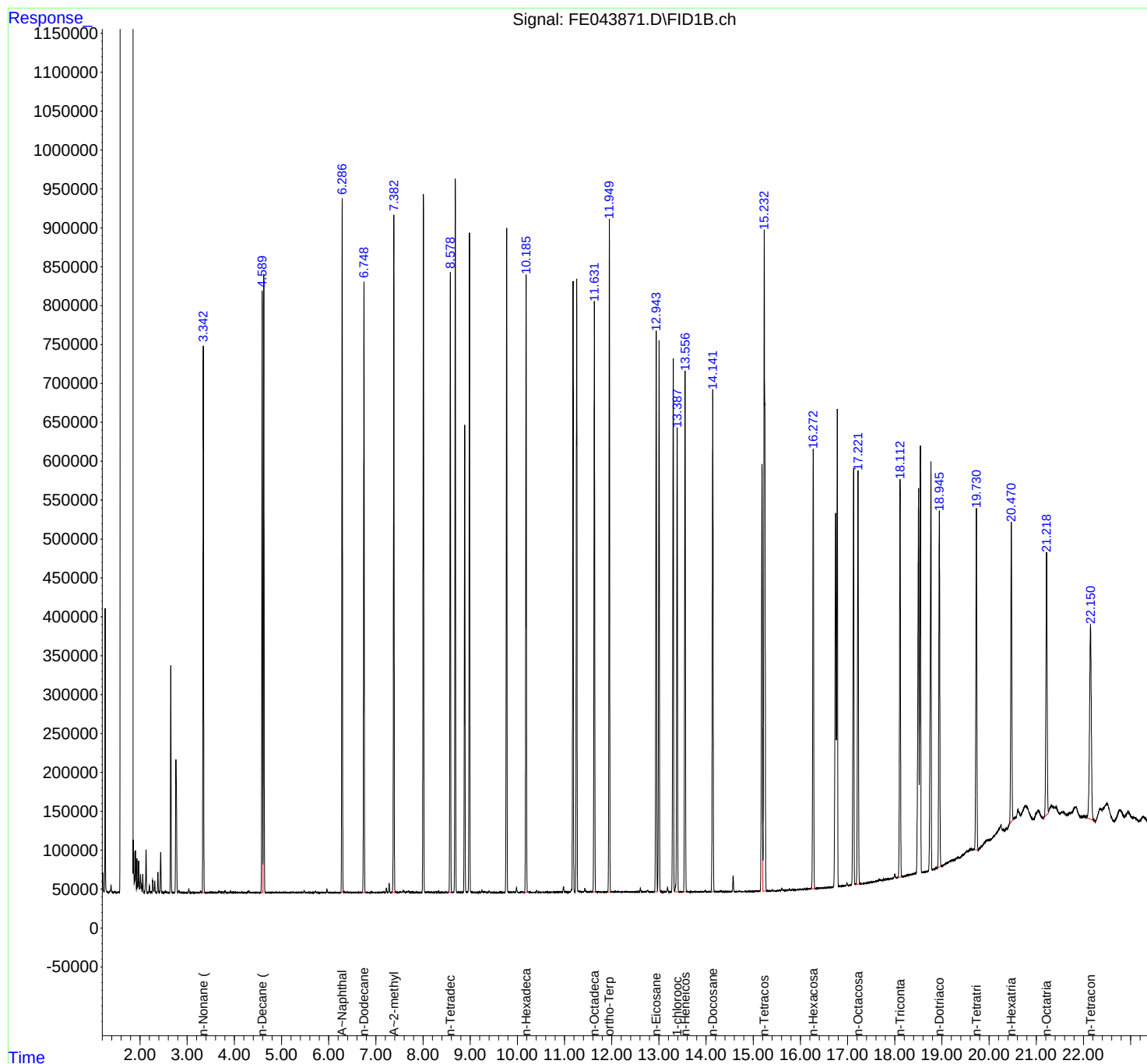
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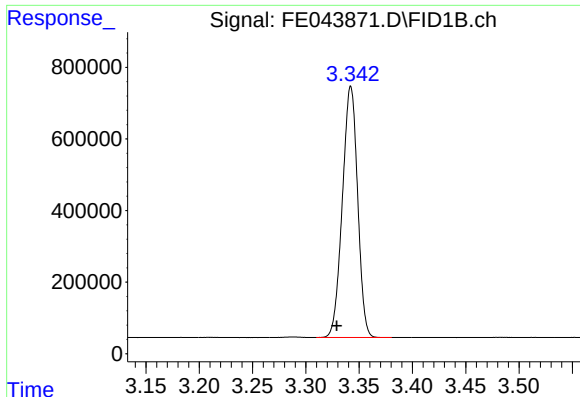
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#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: 0.013 min
Response: 6988549
Conc: 43.28 ug/ml

Instrument :

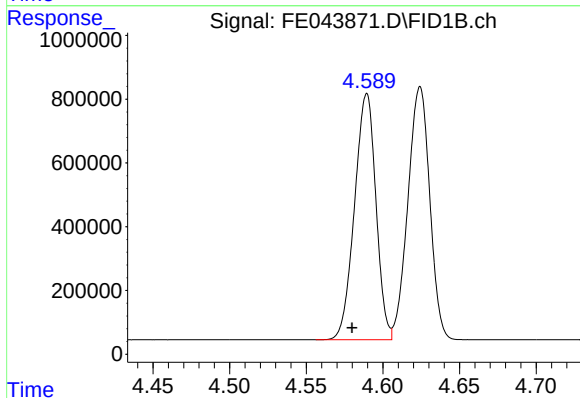
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ClientSampleId :

PB154744BSD

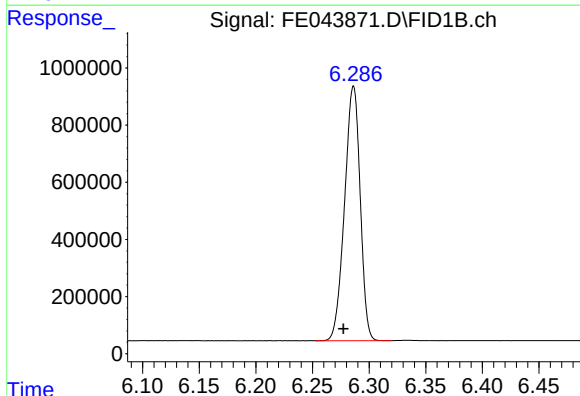
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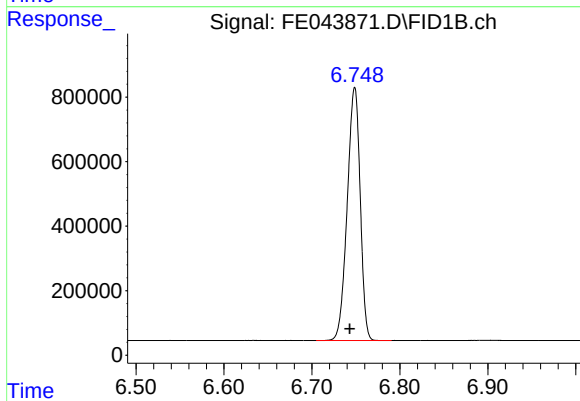
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 7506249
Conc: 45.54 ug/ml



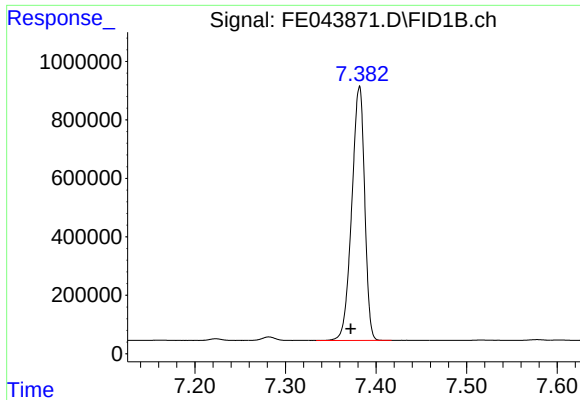
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.009 min
Response: 8553839
Conc: 46.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.006 min
Response: 8049449
Conc: 48.10 ug/ml



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

R.T.: 7.382 min
Delta R.T.: 0.010 min
Response: 8588713
Conc: 48.24 ug/ml

Instrument :

FID_E

ClientSampleId :

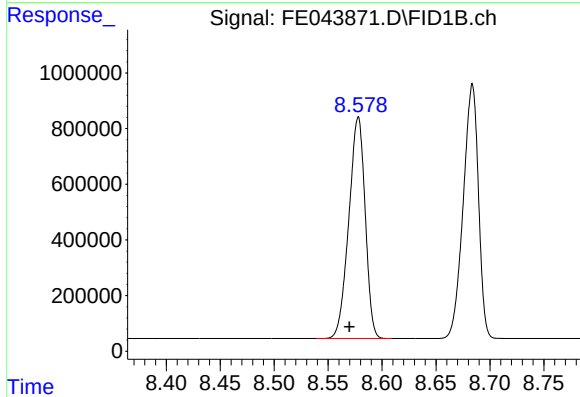
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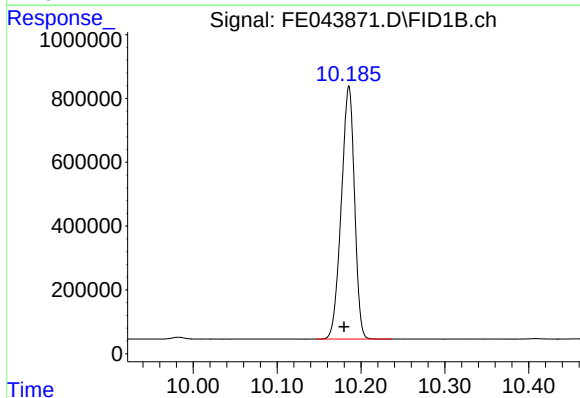
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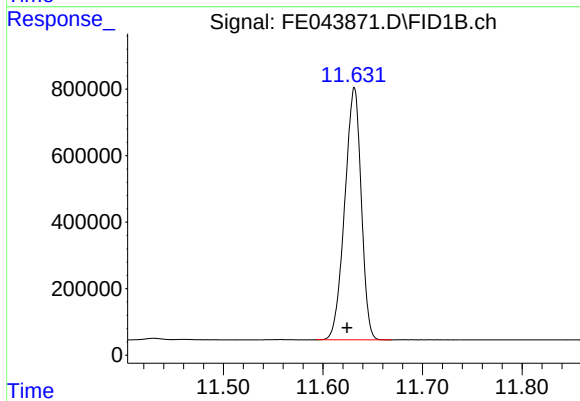
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.008 min
Response: 8397555
Conc: 49.84 ug/ml



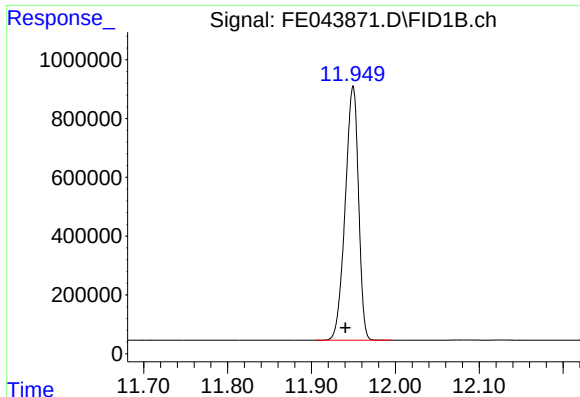
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 8681910
Conc: 49.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: 0.007 min
Response: 8730931
Conc: 48.20 ug/ml



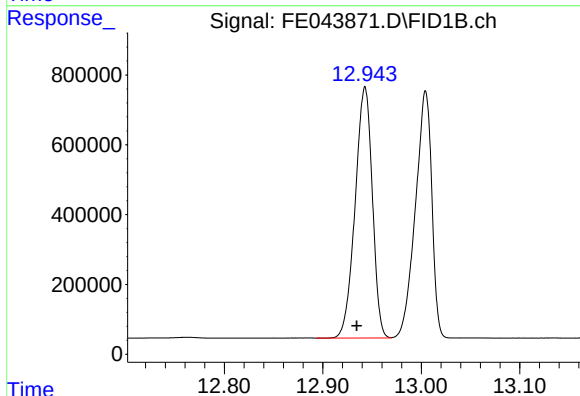
#9 ortho-Terphenyl (SURR)

R.T.: 11.950 min
Delta R.T.: 0.009 min
Response: 9527458
Conc: 46.23 ug/ml

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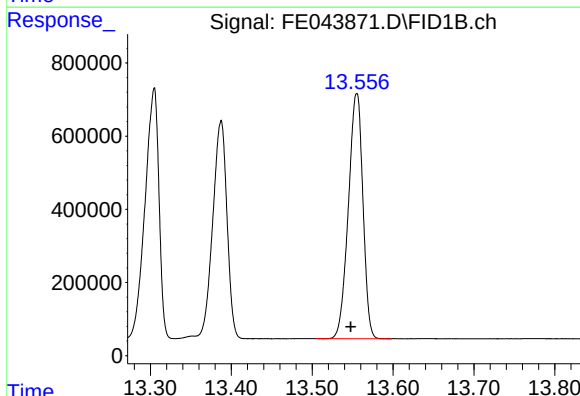
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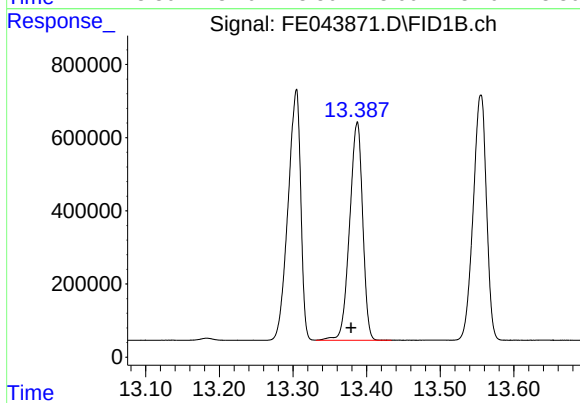
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.009 min
Response: 8745023
Conc: 49.42 ug/ml



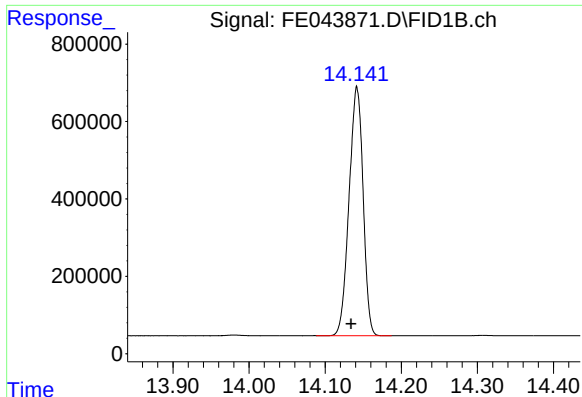
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.007 min
Response: 8373023
Conc: 47.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.008 min
Response: 7350654
Conc: 47.11 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.008 min
Response: 8241991
Conc: 46.99 ug/ml

Instrument :

FID_E

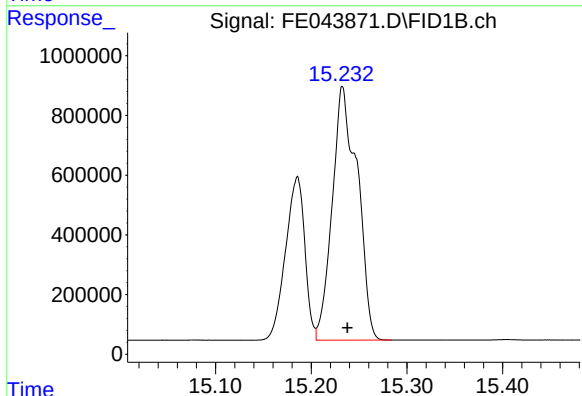
ClientSampleId :

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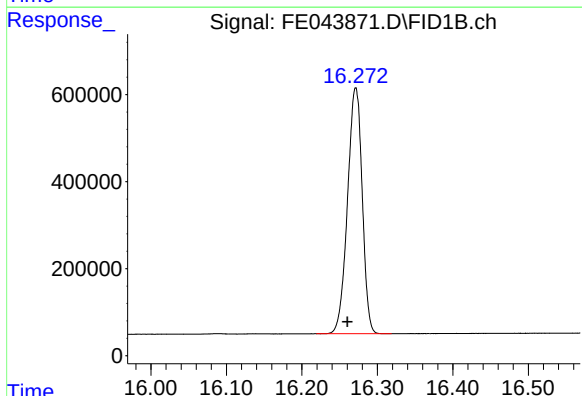
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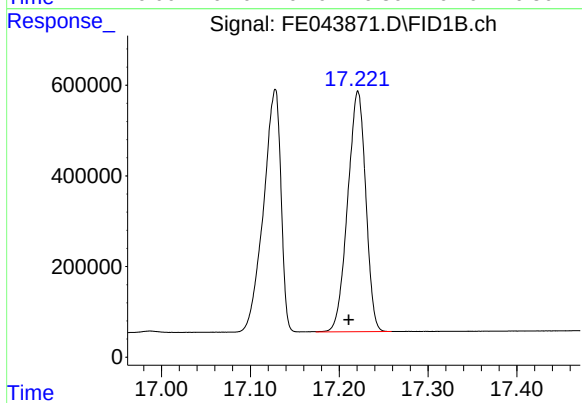
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.005 min
Response: 15558314
Conc: 88.55 ug/ml



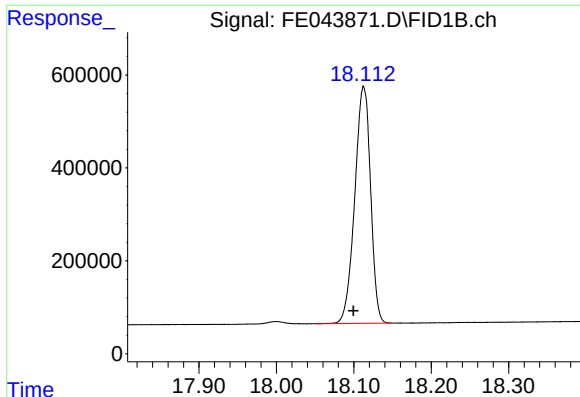
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.011 min
Response: 7642854
Conc: 44.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 7487191
Conc: 44.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.013 min
Response: 7234795
Conc: 43.68 ug/ml

Instrument :

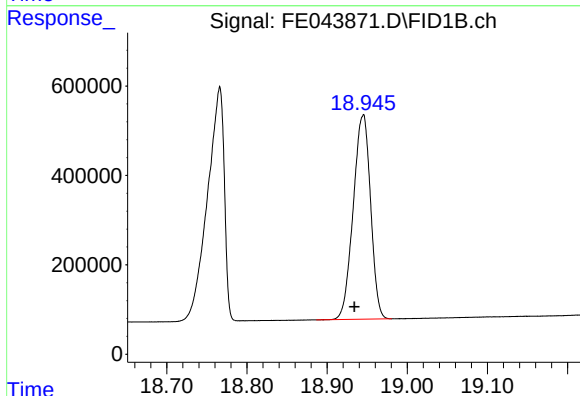
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ClientSampleId :

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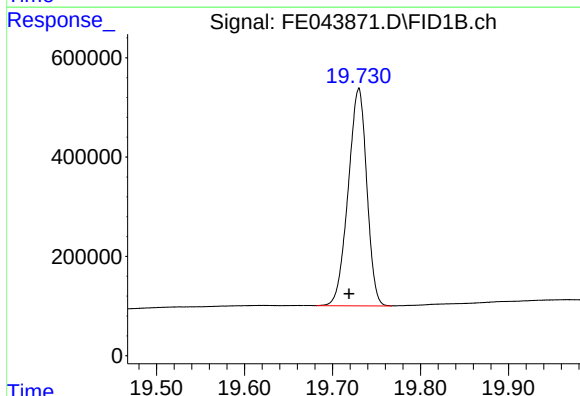
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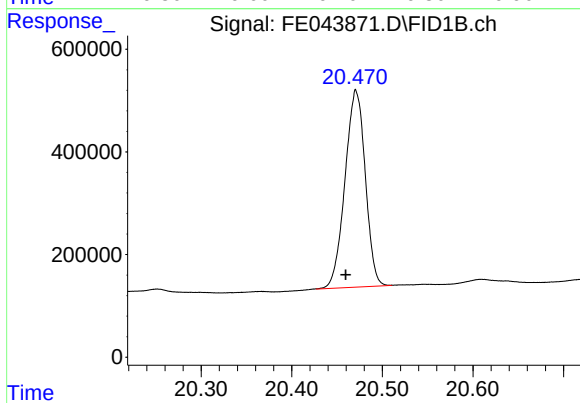
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.011 min
Response: 6876947
Conc: 43.55 ug/ml



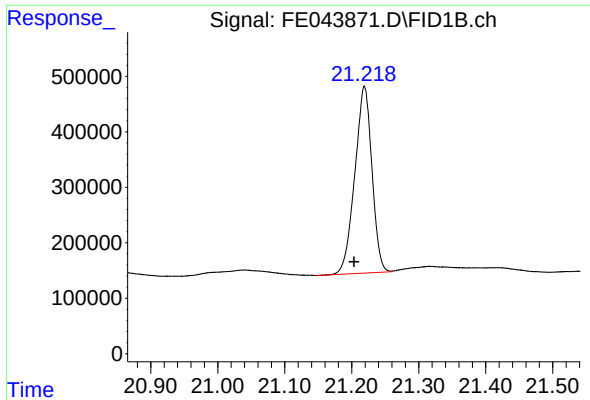
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.011 min
Response: 6429436
Conc: 43.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 5972073
Conc: 42.73 ug/ml m



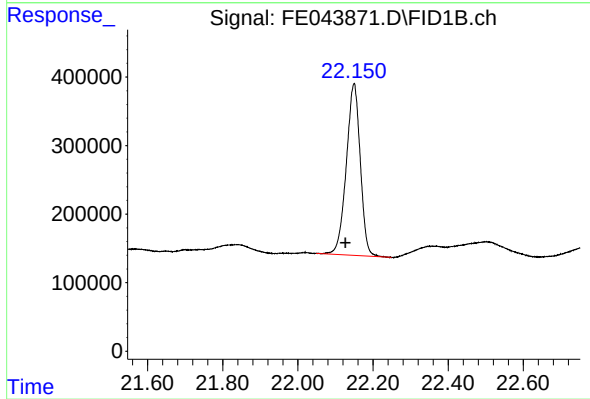
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.015 min
Response: 5975034
Conc: 44.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.023 min
Response: 6468522
Conc: 50.13 ug/ml