

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054774.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 09:33
 Operator : YP\AJ
 Sample : Q2523-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-070825-1DL

Integration File: autoint1.e
 Quant Time: Jul 11 05:13:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.077	839473	5.169 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
12) S 1-chlorooctadecane (S...	13.515	482190	3.818 ug/ml
Spiked Amount 50.000		Recovery =	7.64%
Target Compounds			
7) T n-Hexadecane (C16)	10.363f	51654	0.362 ug/ml
8) T n-Octadecane (C18)	11.782	87302	0.596 ug/ml
10) T n-Eicosane (C20)	13.066	97374	0.677 ug/ml
11) T n-Heneicosane (C21)	13.734	73669	0.516 ug/ml
15) T n-Hexacosane (C26)	16.397	27890	0.193 ug/ml
16) T n-Octacosane (C28)	17.349	244711	1.679 ug/ml
17) T n-Tricontane (C30)	18.238	1072906	6.808 ug/ml
18) T n-Dotriacontane (C32)	19.074	1941237	11.999 ug/ml
19) T n-Tetratriacontane (C34)	19.859	2018923	13.248 ug/ml
20) T n-Hexatriacontane (C36)	20.599	1793324	13.338 ug/ml
21) T n-Octatriacontane (C38)	21.378	1439805	12.276 ug/ml
22) T n-Tetracontane (C40)	22.366	1221479	11.270 ug/ml

(f)=RT Delta > 1/2 Window

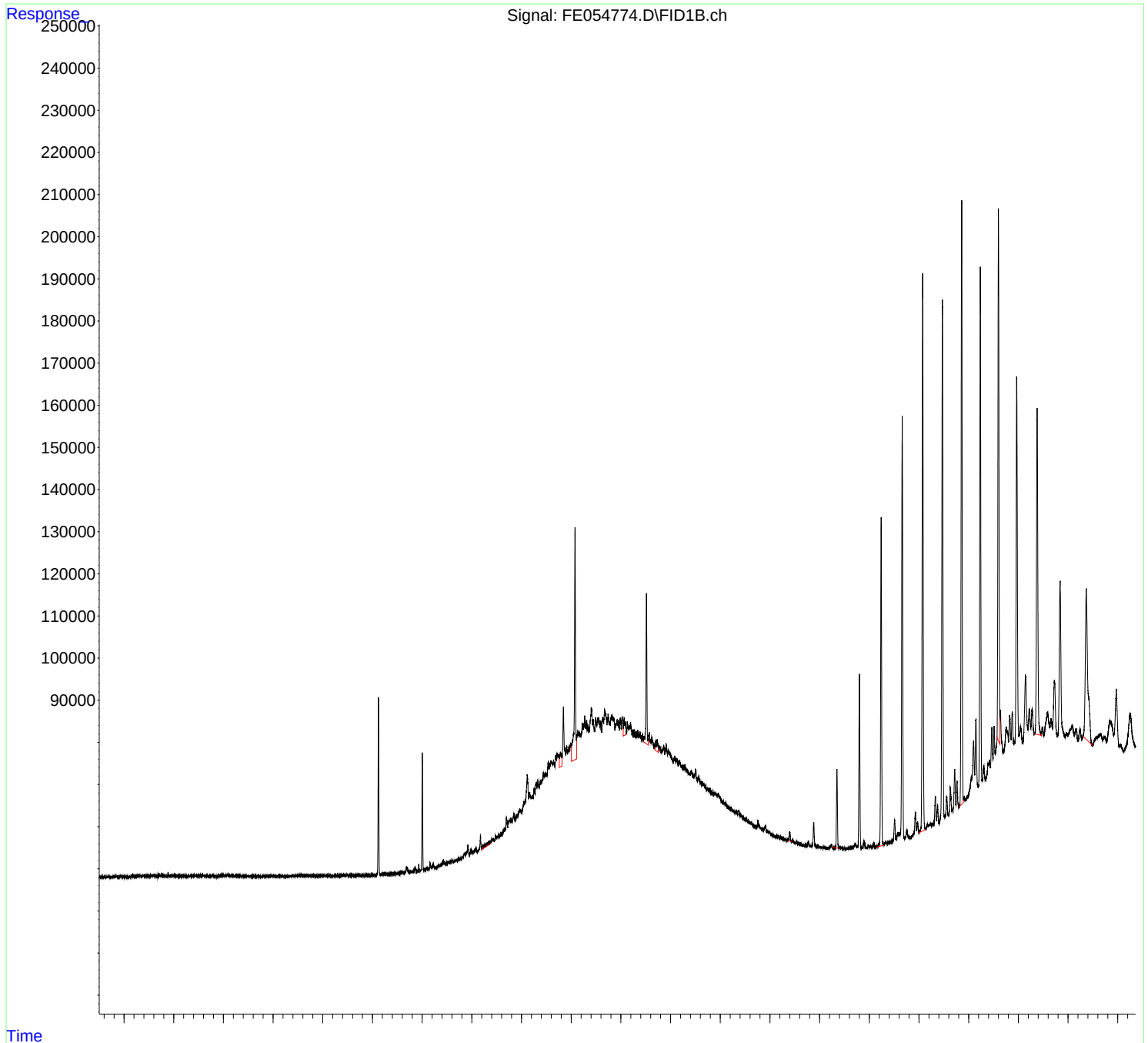
(m)=manual int.

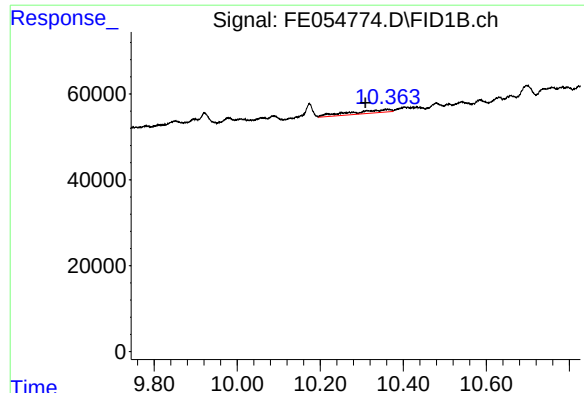
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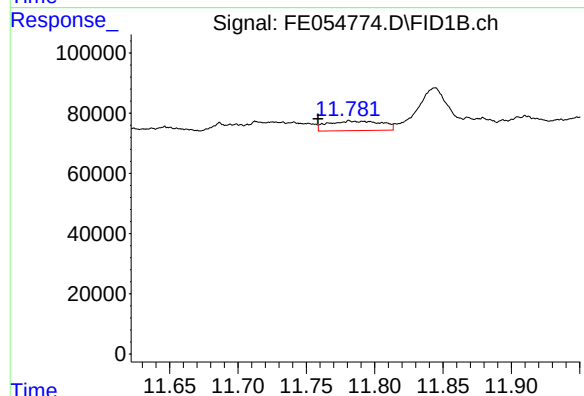




#7 n-Hexadecane (C16)

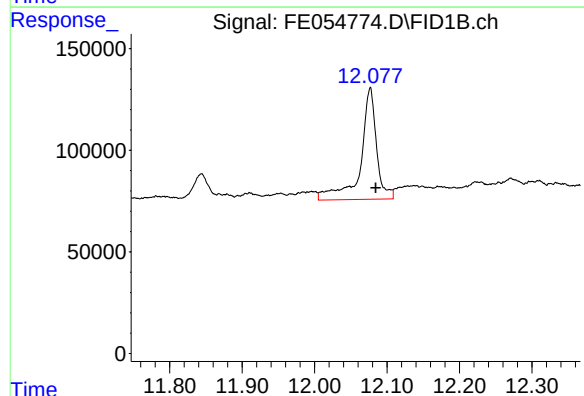
R.T.: 10.363 min
Delta R.T.: 0.054 min
Response: 51654
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-1DL



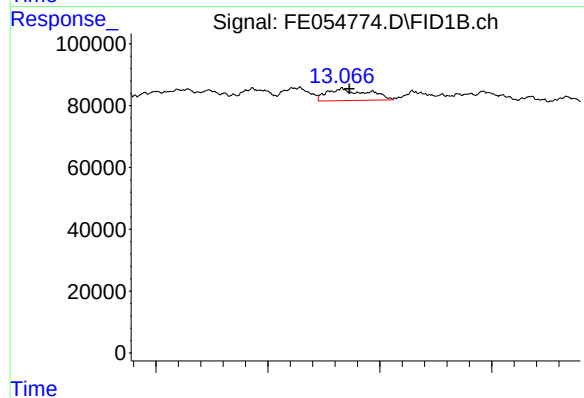
#8 n-Octadecane (C18)

R.T.: 11.782 min
Delta R.T.: 0.024 min
Response: 87302
Conc: 0.60 ug/ml



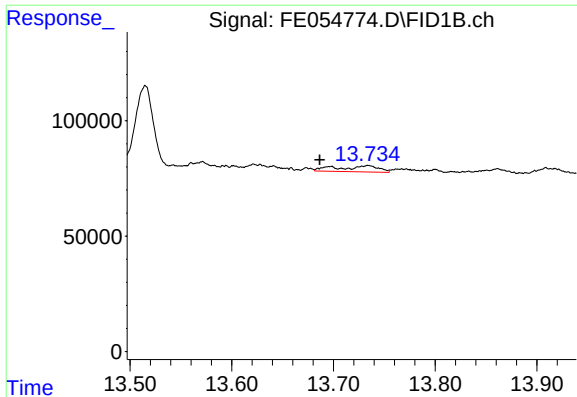
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: -0.008 min
Response: 839473
Conc: 5.17 ug/ml



#10 n-Eicosane (C20)

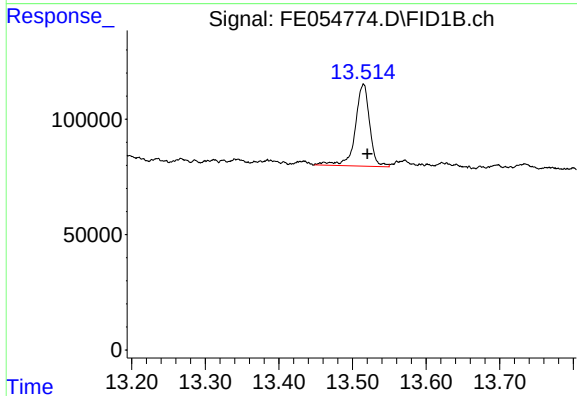
R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 97374
Conc: 0.68 ug/ml



#11 n-Heneicosane (C21)

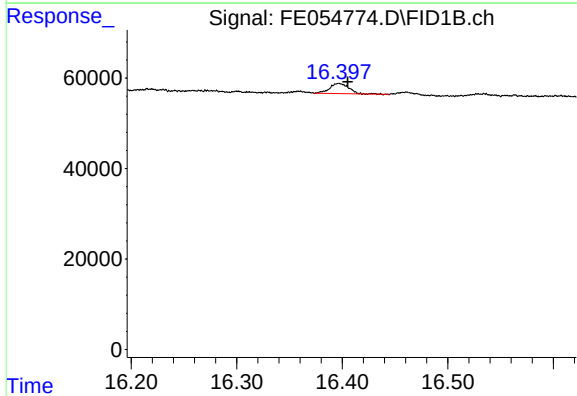
R.T.: 13.734 min
Delta R.T.: 0.047 min
Response: 73669
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-070825-1DL



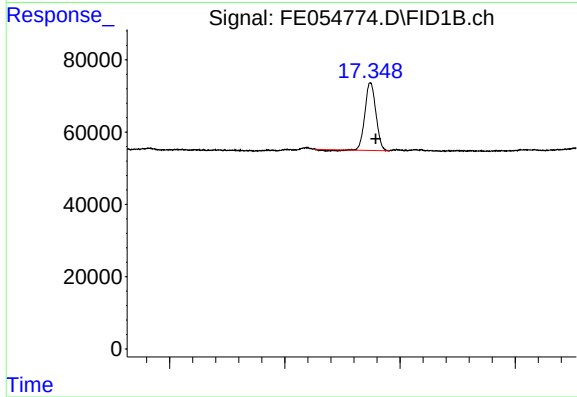
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 482190
Conc: 3.82 ug/ml



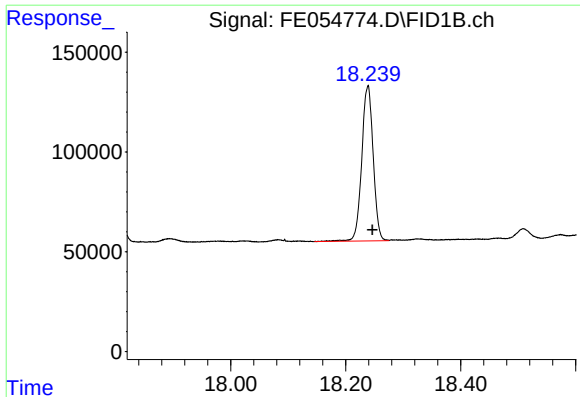
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.008 min
Response: 27890
Conc: 0.19 ug/ml



#16 n-Octacosane (C28)

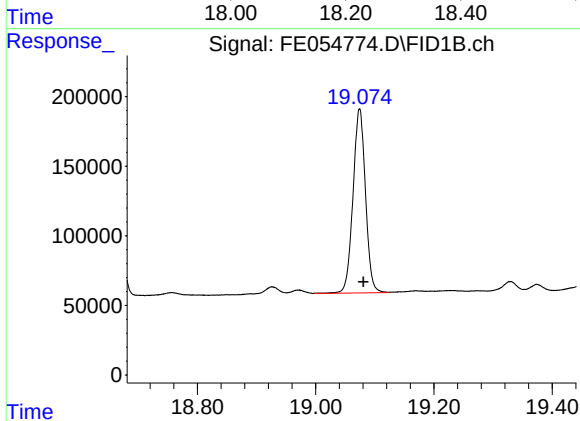
R.T.: 17.349 min
Delta R.T.: -0.009 min
Response: 244711
Conc: 1.68 ug/ml



#17 n-Tricontane (C30)

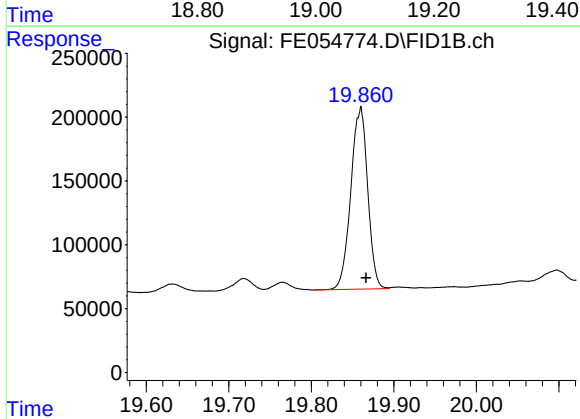
R.T.: 18.238 min
Delta R.T.: -0.008 min
Response: 1072906
Conc: 6.81 ug/ml

Instrument :
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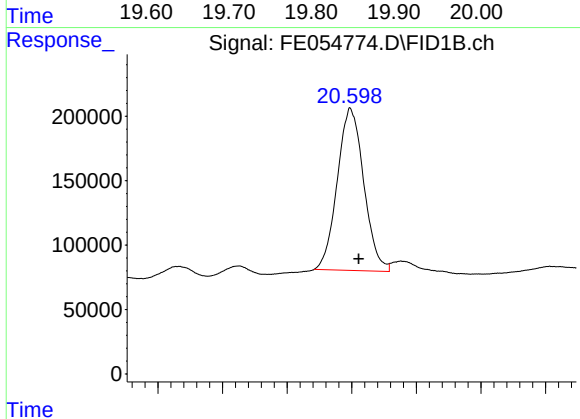
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.006 min
Response: 1941237
Conc: 12.00 ug/ml



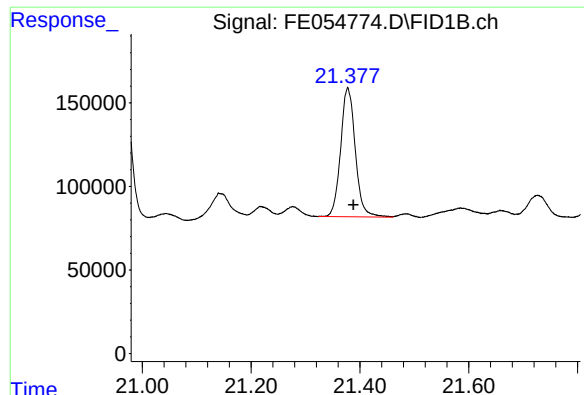
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: -0.007 min
Response: 2018923
Conc: 13.25 ug/ml



#20 n-Hexatriacontane (C36)

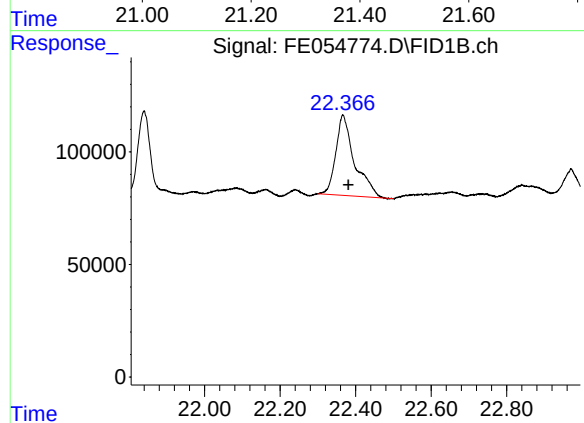
R.T.: 20.599 min
Delta R.T.: -0.006 min
Response: 1793324
Conc: 13.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.010 min
Response: 1439805
Conc: 12.28 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: -0.014 min
Response: 1221479
Conc: 11.27 ug/ml